

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021419\
 Data File : VX007521.D
 Acq On : 13 Feb 2019 15:37
 Operator : JC/SP
 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Quant Time: Feb 14 02:36:20 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	649995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	958737	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	851174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	429072	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	398542	57.77	ug/l	0.00
Spiked Amount			Recovery	=	115.54%	
35) Dibromofluoromethane	5.50	113	364915	58.50	ug/l	0.00
Spiked Amount			Recovery	=	117.00%	
50) Toluene-d8	8.71	98	1289601	55.72	ug/l	0.00
Spiked Amount			Recovery	=	111.44%	
62) 4-Bromofluorobenzene	11.13	95	456101	53.98	ug/l	0.00
Spiked Amount			Recovery	=	107.96%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	141463	17.825	ug/l	97
3) Chloromethane	1.33	50	125020	17.076	ug/l	99
4) Vinyl Chloride	1.41	62	134448	18.719	ug/l	98
5) Bromomethane	1.64	94	126309	17.466	ug/l	95
6) Chloroethane	1.72	64	86108	18.533	ug/l	100
7) Trichlorofluoromethane	1.93	101	223539	19.895	ug/l	97
8) Diethyl Ether	2.19	74	84558	19.995	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	130800	19.571	ug/l	98
10) Methyl Iodide	2.51	142	158822	16.154	ug/l	99
11) Tert butyl alcohol	3.07	59	155941	109.219	ug/l	99
12) 1,1-Dichloroethene	2.38	96	116288	18.738	ug/l	98
13) Acrolein	2.30	56	59923	89.500	ug/l	100
14) Allyl chloride	2.73	41	205437	20.316	ug/l	98
15) Acrylonitrile	3.15	53	365662	103.527	ug/l	100
16) Acetone	2.45	43	383969	121.497	ug/l	97
17) Carbon Disulfide	2.57	76	274831	18.338	ug/l	99
18) Methyl Acetate	2.78	43	202437	24.886	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	408350	20.310	ug/l	97
20) Methylene Chloride	2.86	84	128149	19.613	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	121544	18.385	ug/l	95
22) Diisopropyl ether	3.87	45	385190	20.709	ug/l	99
23) Vinyl Acetate	3.82	43	1603983	103.917	ug/l	99
24) 1,1-Dichloroethane	3.70	63	217922	20.401	ug/l	100
25) 2-Butanone	4.70	43	510295	113.461	ug/l	99
26) 2,2-Dichloropropane	4.59	77	169528	20.840	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	141450	19.589	ug/l	99
28) Bromochloromethane	5.02	49	115233	23.458	ug/l	98
29) Tetrahydrofuran	5.15	42	312044	110.316	ug/l	98
30) Chloroform	5.21	83	231012	20.725	ug/l	100
31) Cyclohexane	5.57	56	182823	19.056	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	191776	20.383	ug/l	99
36) 1,1-Dichloropropene	5.80	75	161954	18.827	ug/l	100
37) Ethyl Acetate	4.86	43	179818	20.679	ug/l	98
38) Carbon Tetrachloride	5.79	117	170260	20.402	ug/l	100

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 Data File : VX007521.D
 Acq On : 13 Feb 2019 15:37
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 Sample : VX0214WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0214WBSD01

Quant Time: Feb 14 02:36:20 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)
39) Methylcyclohexane	7.46	83	197133	18.941	ug/l	99
40) Benzene	6.14	78	505037	19.931	ug/l	98
41) Methacrylonitrile	5.06	41	97737	20.971	ug/l	98
42) 1,2-Dichloroethane	6.20	62	169256	19.305	ug/l	97
43) Isopropyl Acetate	6.46	43	280861	20.925	ug/l	100
44) Trichloroethene	7.21	130	148049	19.399	ug/l	96
45) 1,2-Dichloropropane	7.52	63	127974	20.157	ug/l	97
46) Dibromomethane	7.66	93	90056	19.516	ug/l	98
47) Bromodichloromethane	7.90	83	159937	20.451	ug/l	96
48) Methyl methacrylate	7.77	41	144007	21.450	ug/l	99
49) 1,4-Dioxane	7.75	88	65805	434.913	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	931652	105.441	ug/l	100
52) Toluene	8.79	92	317286	19.407	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171418	20.406	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	193040	20.897	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	136233	19.991	ug/l	97
56) Ethyl methacrylate	9.18	69	192041	20.346	ug/l	99
57) 1,3-Dichloropropane	9.37	76	217762	20.093	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	519544	104.432	ug/l	99
59) 2-Hexanone	9.49	43	718832	104.547	ug/l	98
60) Dibromochloromethane	9.59	129	137004	21.257	ug/l	99
61) 1,2-Dibromoethane	9.67	107	145103	20.106	ug/l	99
64) Tetrachloroethene	9.34	164	153021	19.074	ug/l	97
65) Chlorobenzene	10.13	112	359415	19.350	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	131686	21.146	ug/l	99
67) Ethyl Benzene	10.25	91	595091	19.895	ug/l	99
68) m/p-Xylenes	10.36	106	460733	38.749	ug/l	100
69) o-Xylene	10.70	106	228252	19.950	ug/l	99
70) Styrene	10.71	104	364028	19.619	ug/l	100
71) Bromoform	10.85	173	98467	20.605	ug/l #	99
73) Isopropylbenzene	11.02	105	605725	20.774	ug/l	99
74) N-amyl acetate	10.90	43	243695	21.608	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198479	22.336	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	218389	26.167	ug/l	82
77) Bromobenzene	11.26	156	165378	20.130	ug/l	99
78) n-propylbenzene	11.36	91	662761	20.729	ug/l	100
79) 2-Chlorotoluene	11.42	91	391350	20.172	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	493374	20.683	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53032	22.208	ug/l	98
82) 4-Chlorotoluene	11.51	91	455059	20.271	ug/l	100
83) tert-Butylbenzene	11.77	119	493777	20.907	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	500291	20.658	ug/l	99
85) sec-Butylbenzene	11.94	105	598706	20.945	ug/l	99
86) p-Isopropyltoluene	12.06	119	538470	20.868	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	289467	19.633	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	289518	19.355	ug/l	99
89) n-Butylbenzene	12.39	91	446649	20.122	ug/l	99
90) Hexachloroethane	12.60	117	84655	21.921	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	289634	19.739	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41568	22.497	ug/l	98

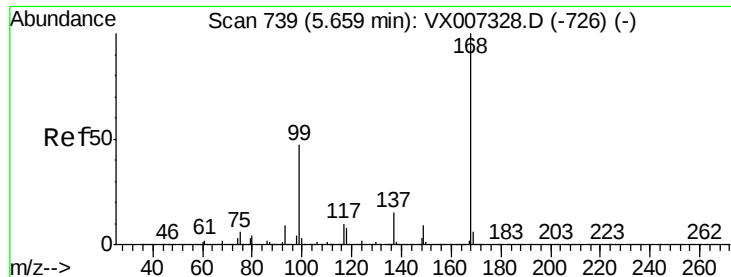
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021419\
Data File : VX007521.D
Acq On : 13 Feb 2019 15:37
Operator : JC/SP
Sample : VX0214WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Quant Time: Feb 14 02:36:20 2019
Quant Method : Z:\V0ASRV\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	190880	19.290	ug/l	99
94) Hexachlorobutadiene	13.78	225	96481	20.080	ug/l	97
95) Naphthalene	13.83	128	618501	21.374	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	192163	19.293	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

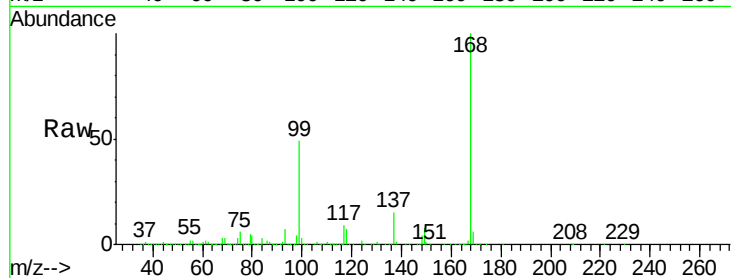
VX0214WBSD01

Tot Ion:168 Resp: 649995

Ion Ratio Lower Upper

168 100

99 48.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

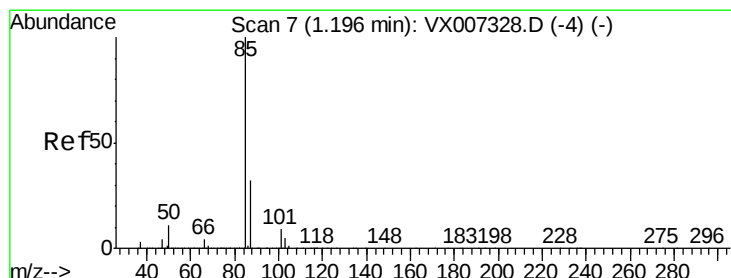
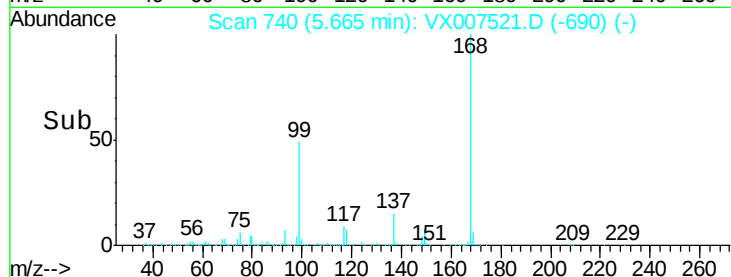
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.825 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007521.D

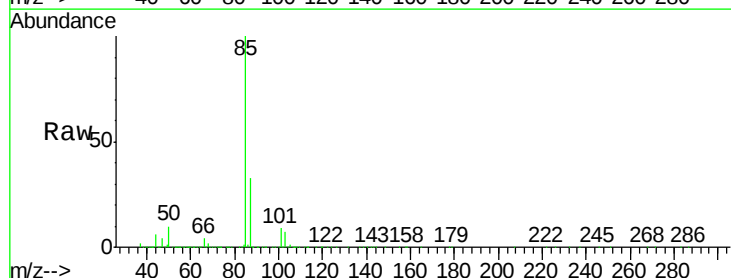
Acq: 13 Feb 2019 15:37

Tgt Ion: 85 Resp: 141463

Ion Ratio Lower Upper

85 100

87 33.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

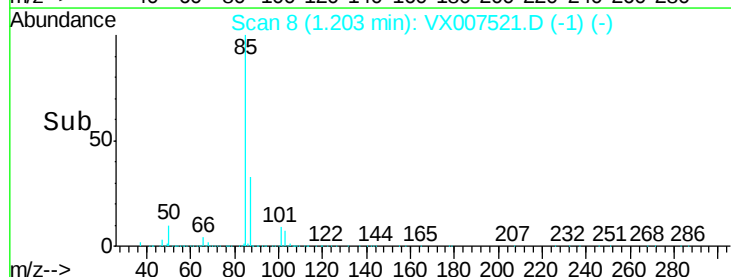
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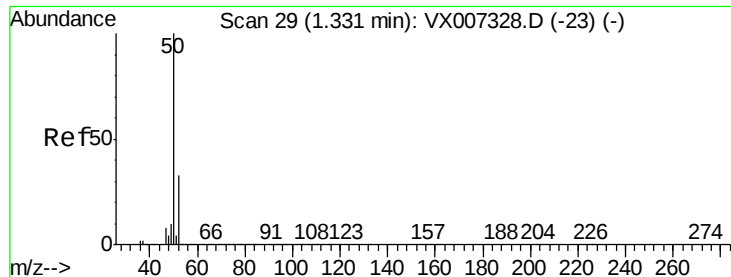
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Time-->

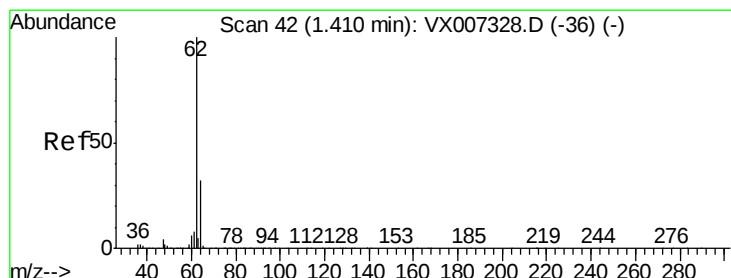
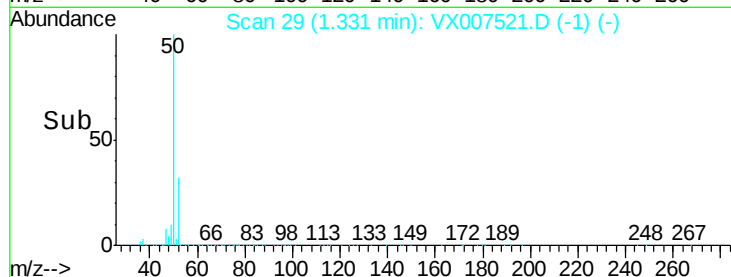
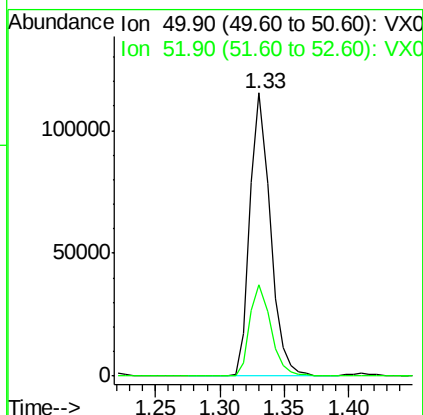
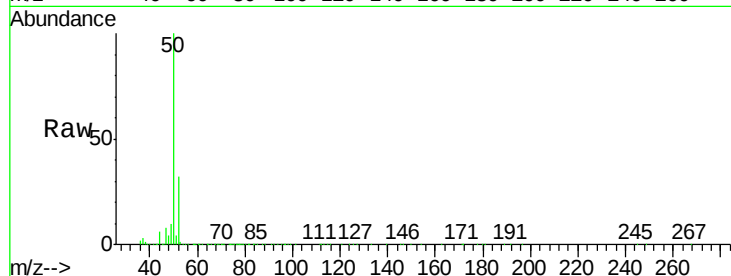




#3
Chloromethane
Concen: 17.076 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

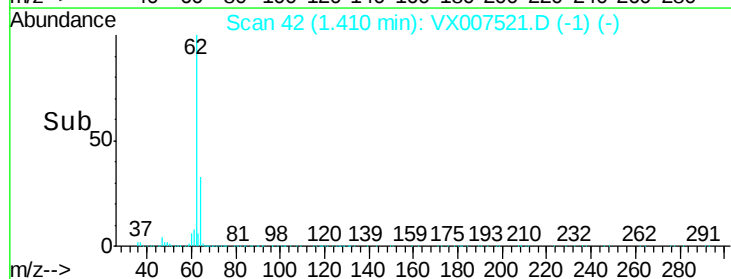
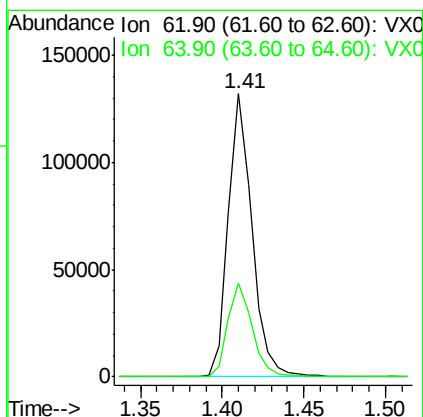
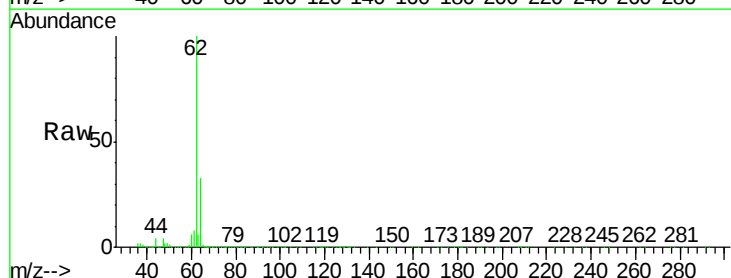
Instrument :
MSVOA_X
ClientSampled :
VX0214WBSD01

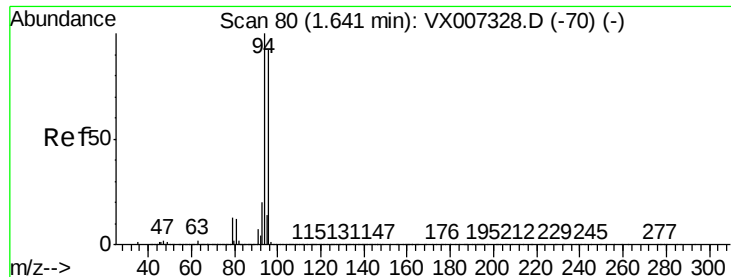
Tot Ion: 50 Resp: 125020
Ion Ratio Lower Upper
50 100
52 32.1 26.1 39.1



#4
Vinyl Chloride
Concen: 18.719 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 62 Resp: 134448
Ion Ratio Lower Upper
62 100
64 32.9 25.4 38.0





#5

Bromomethane

Concen: 17.466 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

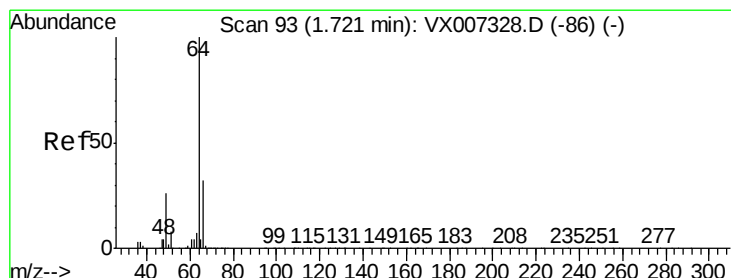
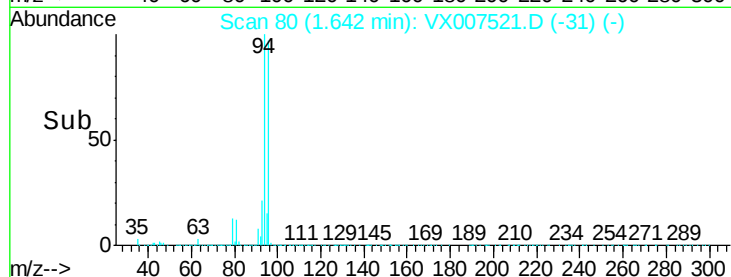
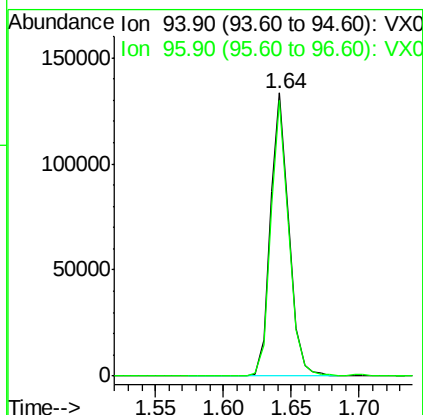
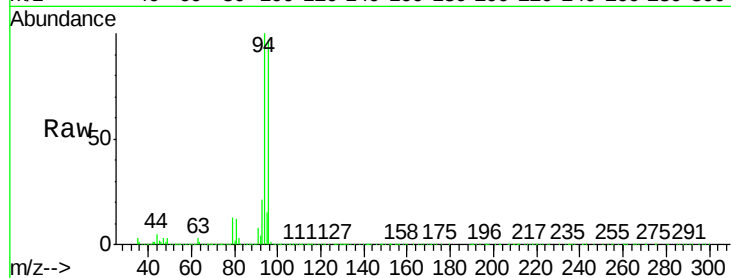
VX0214WBSD01

Tot Ion: 94 Resp: 126309

Ion Ratio Lower Upper

94 100

96 97.4 73.9 110.9



#6

Chloroethane

Concen: 18.533 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX007521.D

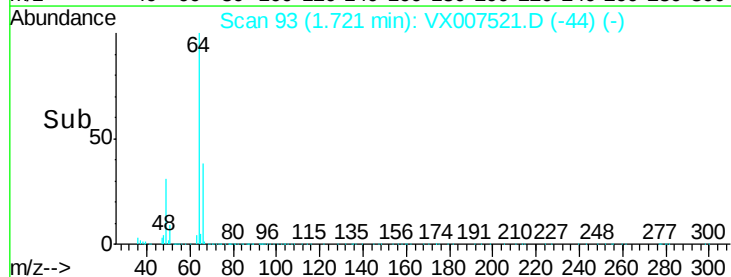
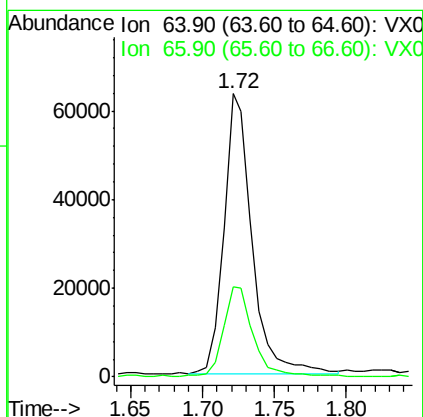
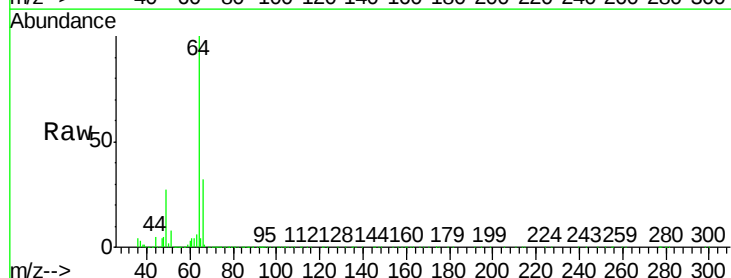
Acq: 13 Feb 2019 15:37

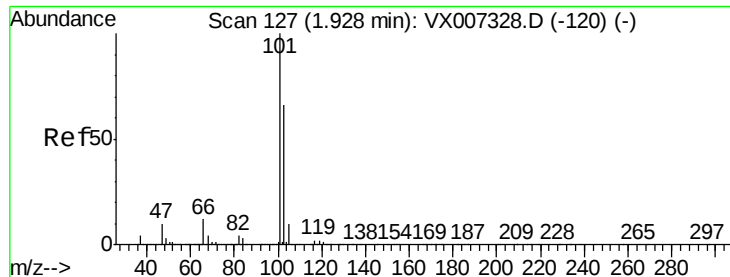
Tgt Ion: 64 Resp: 86108

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



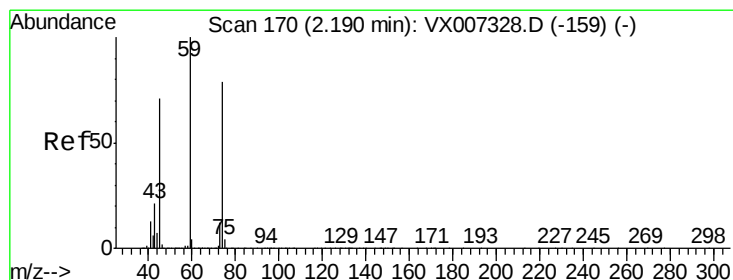
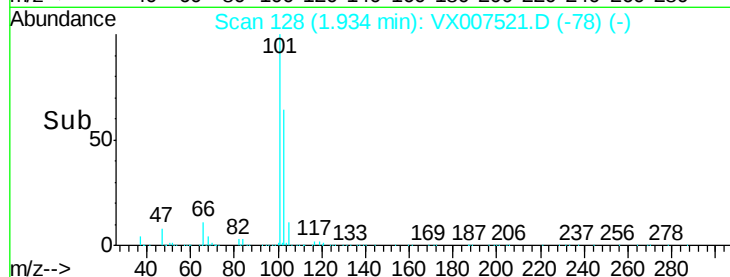
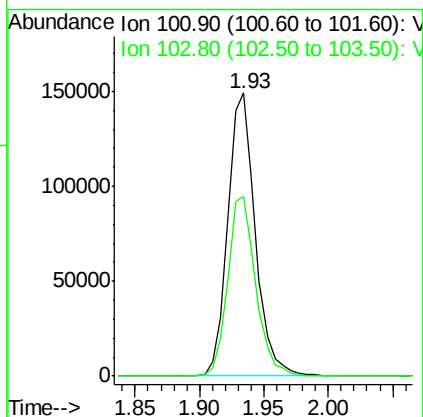
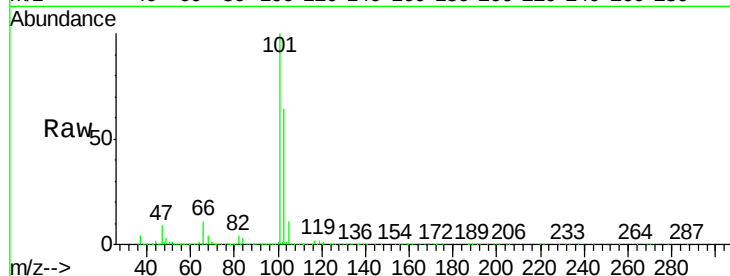


#7

Trichlorofluoromethane
Concen: 19.895 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

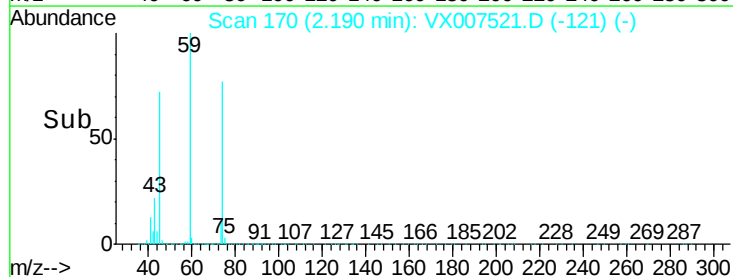
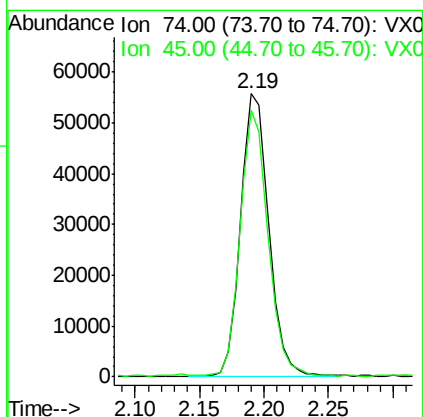
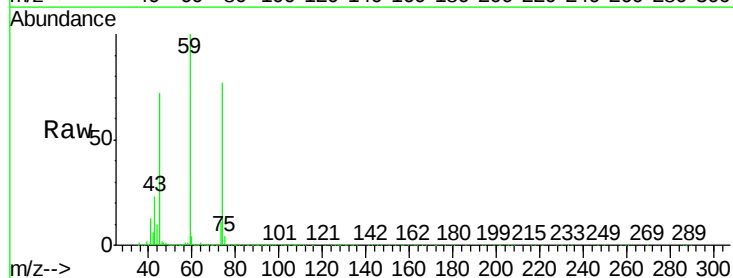
Tot Ion:101 Resp: 223539
Ion Ratio Lower Upper
101 100
103 63.7 52.6 79.0

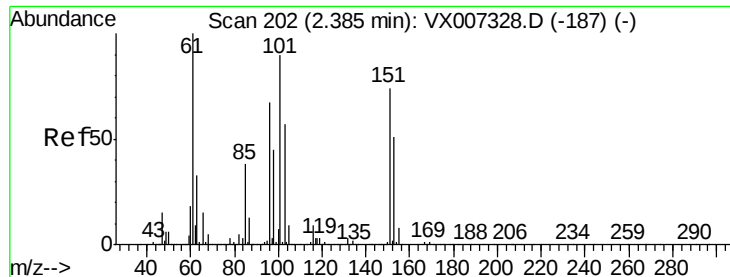


#8

Diethyl Ether
Concen: 19.995 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 74 Resp: 84558
Ion Ratio Lower Upper
74 100
45 92.6 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.571 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

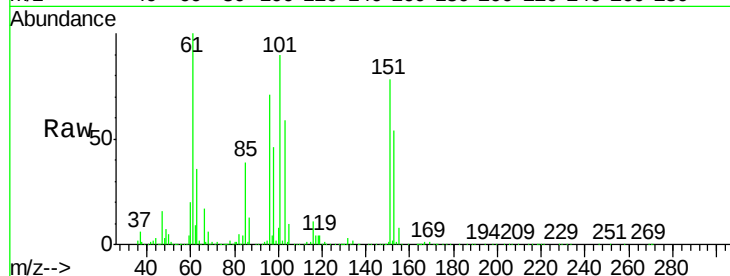
Tot Ion:101 Resp: 130800

Ion Ratio Lower Upper

101 100

85 42.3 34.1 51.1

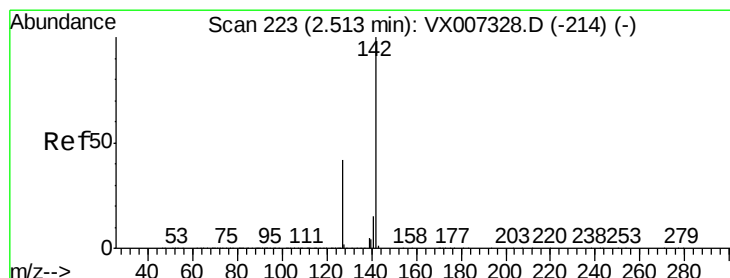
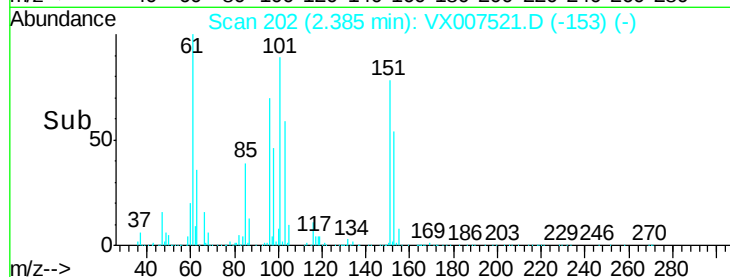
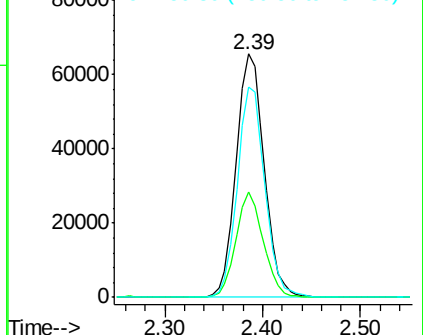
151 84.9 69.9 104.9



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: 16.154 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

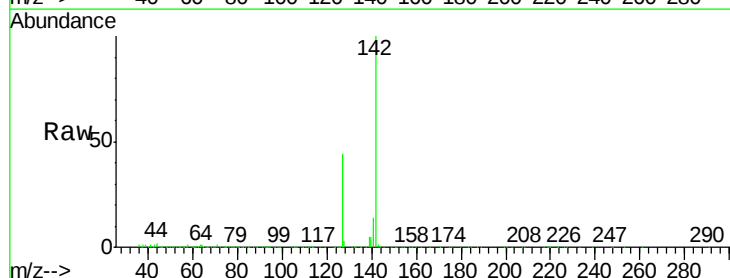
Tgt Ion:142 Resp: 158822

Ion Ratio Lower Upper

142 100

127 43.2 33.7 50.5

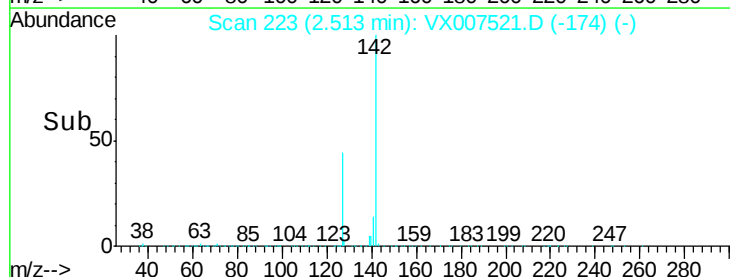
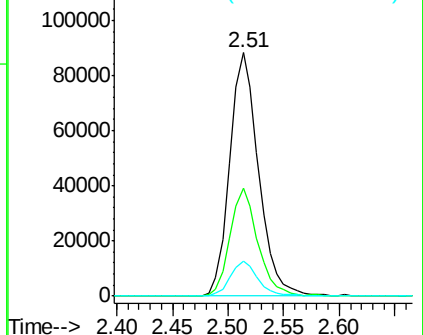
141 14.0 11.3 16.9

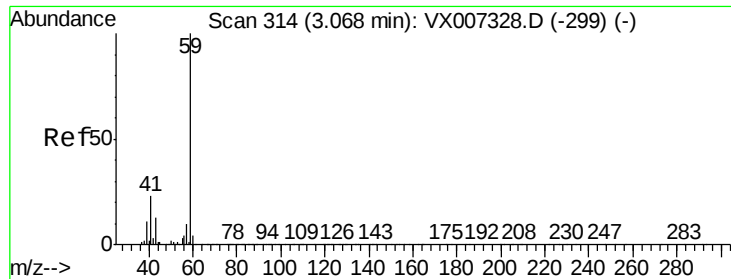


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



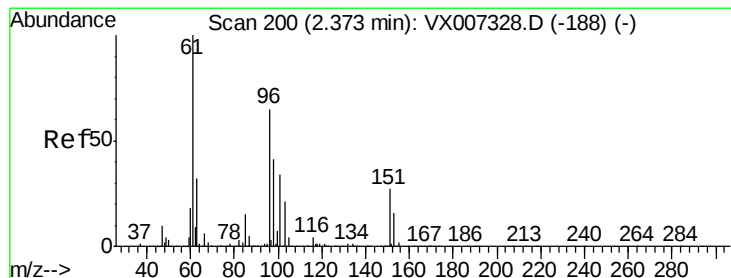
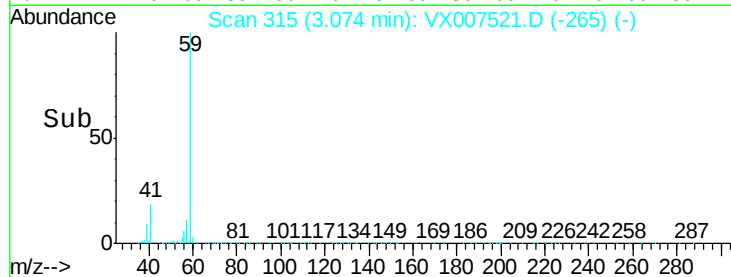
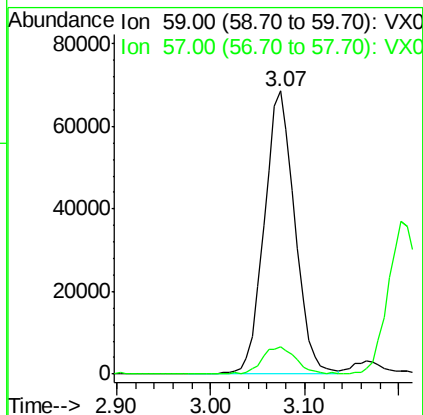
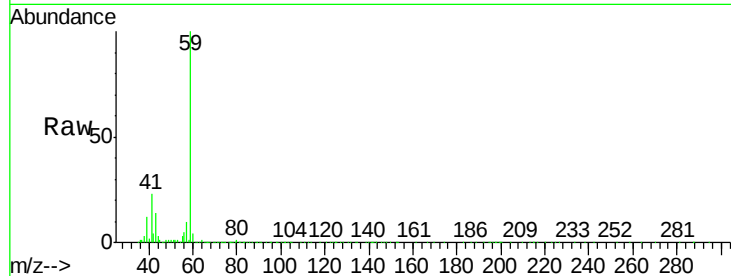


#11

Tert butyl alcohol
Concen: 109.219 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

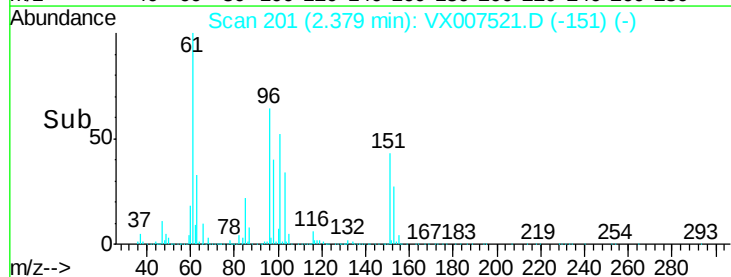
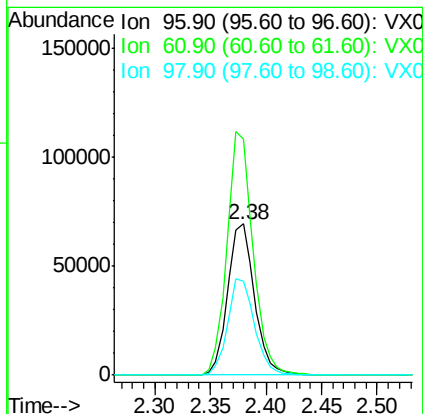
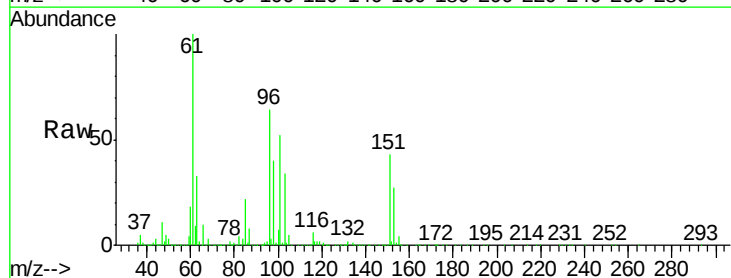
Tot Ion: 59 Resp: 155941
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1

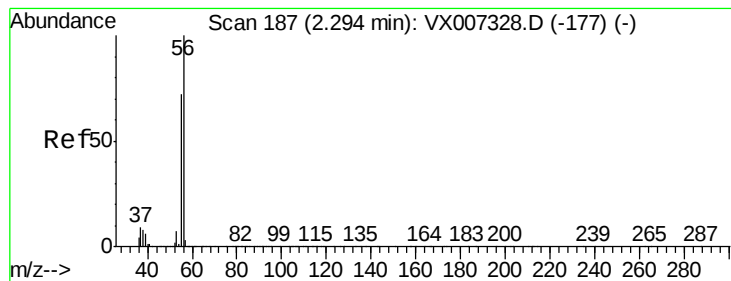


#12

1,1-Dichloroethene
Concen: 18.738 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 96 Resp: 116288
Ion Ratio Lower Upper
96 100
61 155.8 123.0 184.4
98 61.9 50.9 76.3





#13

Acrolein

Concen: 89.500 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

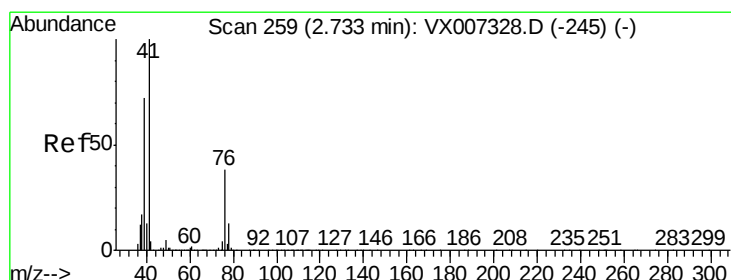
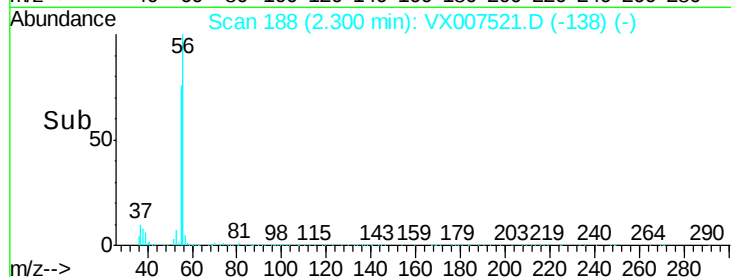
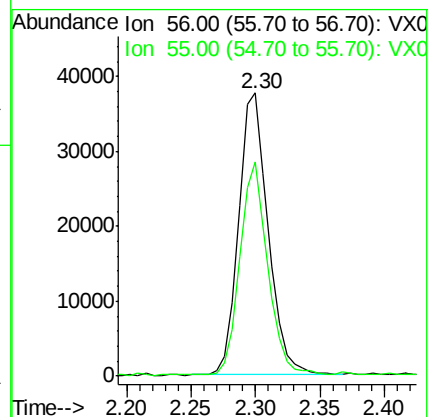
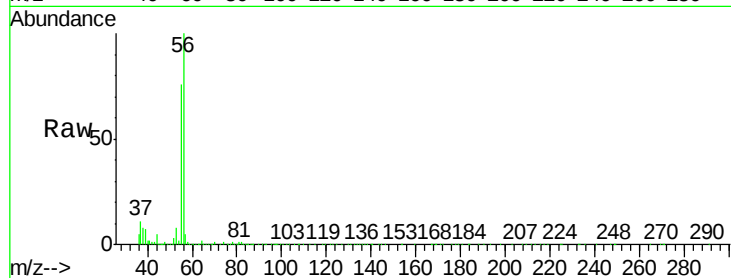
VX0214WBSD01

Tot Ion: 56 Resp: 59923

Ion Ratio Lower Upper

56 100

55 71.2 56.9 85.3



#14

Allyl chloride

Concen: 20.316 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

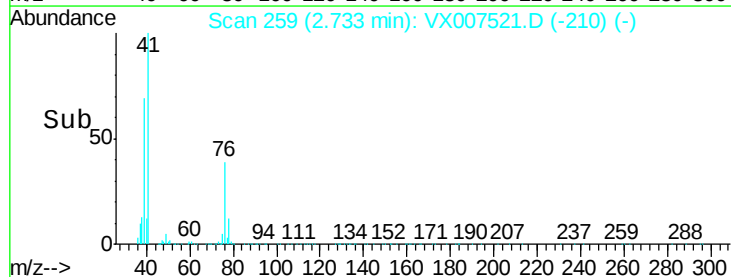
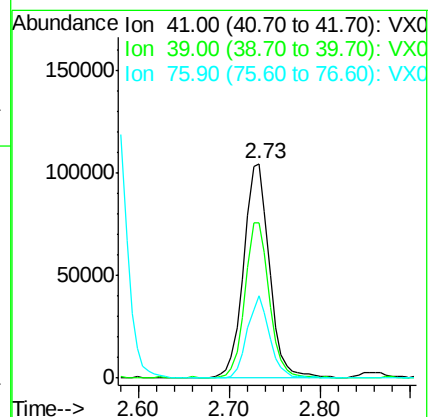
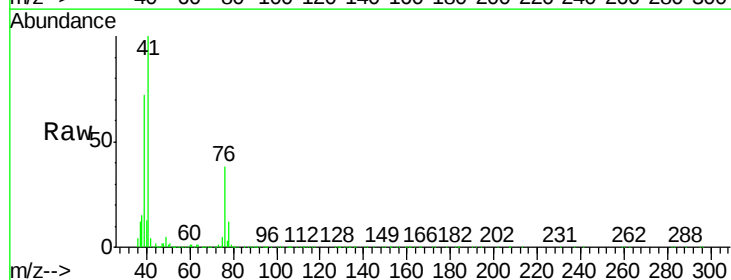
Tgt Ion: 41 Resp: 205437

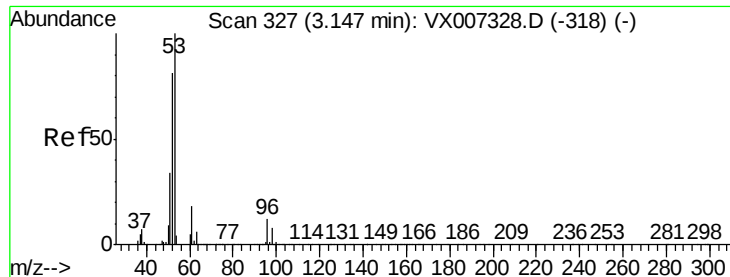
Ion Ratio Lower Upper

41 100

39 68.6 54.1 81.1

76 33.1 27.8 41.8





#15

Acrylonitrile

Concen: 103.527 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

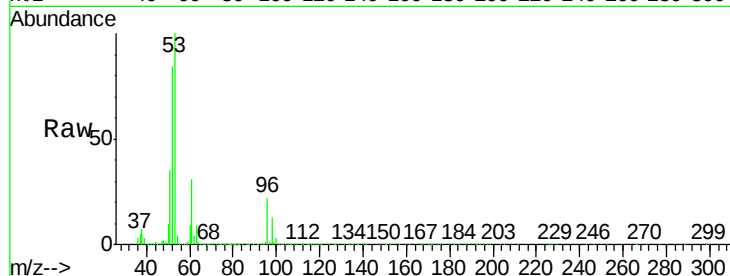
Tot Ion: 53 Resp: 365662

Ion Ratio Lower Upper

53 100

52 82.9 66.4 99.6

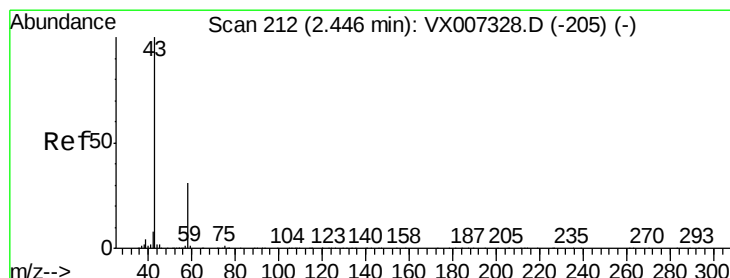
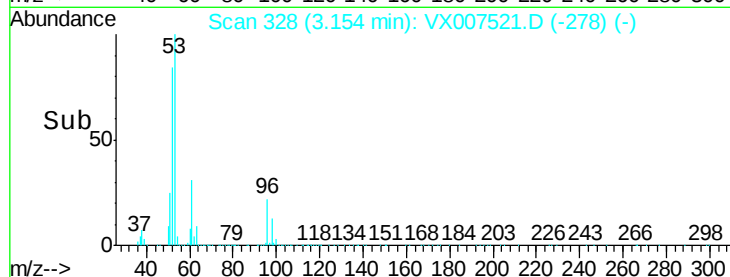
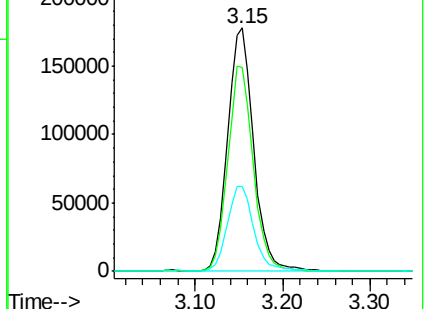
51 35.7 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 121.497 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007521.D

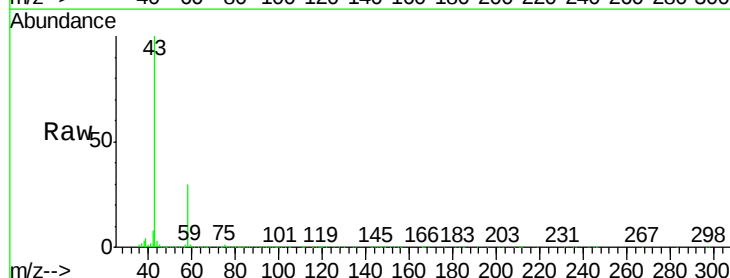
Acq: 13 Feb 2019 15:37

Tgt Ion: 43 Resp: 383969

Ion Ratio Lower Upper

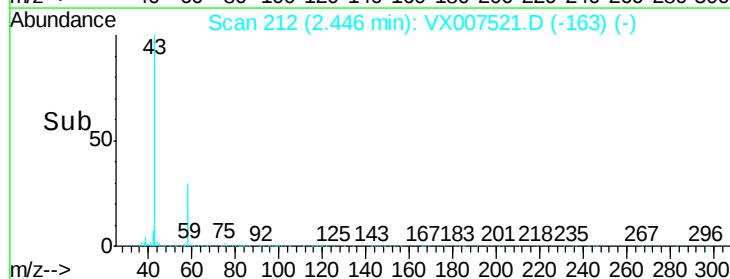
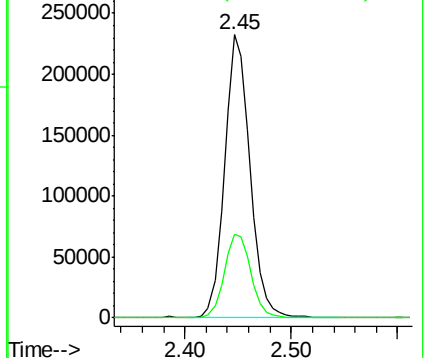
43 100

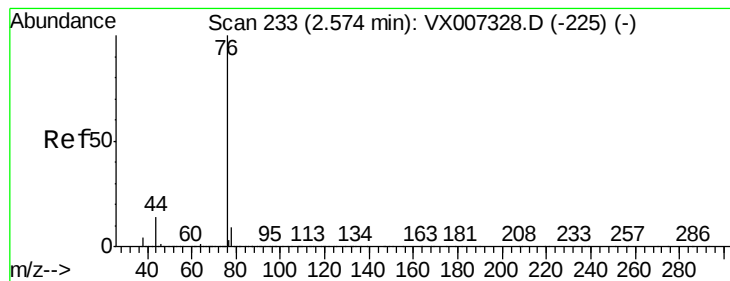
58 29.6 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.338 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

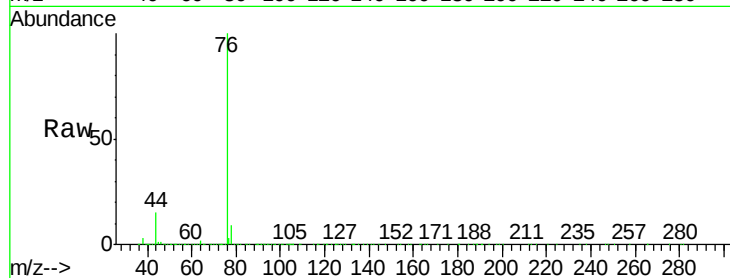
VX0214WBSD01

Tot Ion: 76 Resp: 274831

Ion Ratio Lower Upper

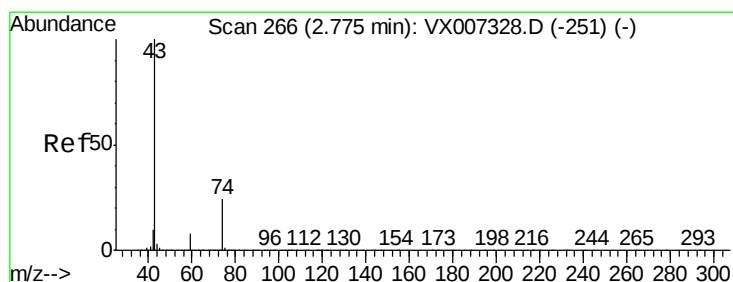
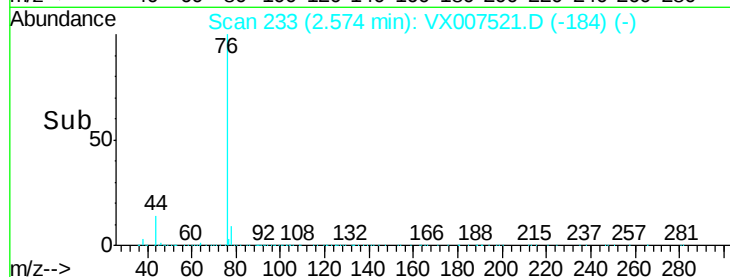
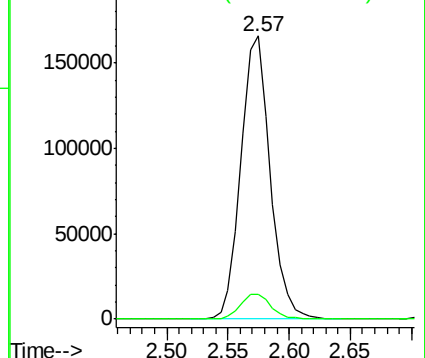
76 100

78 8.5 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: 24.886 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007521.D

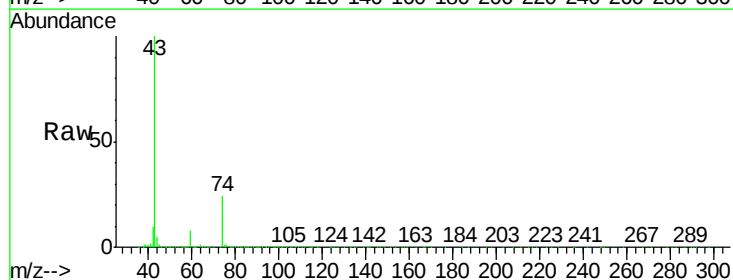
Acq: 13 Feb 2019 15:37

Tgt Ion: 43 Resp: 202437

Ion Ratio Lower Upper

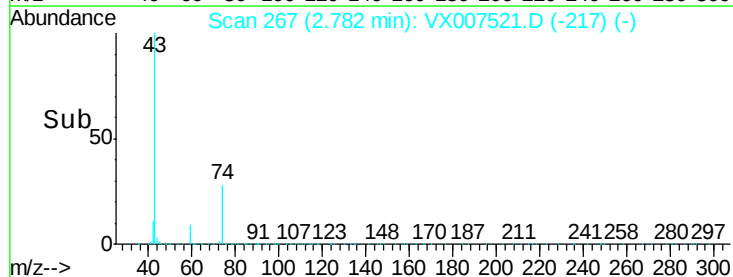
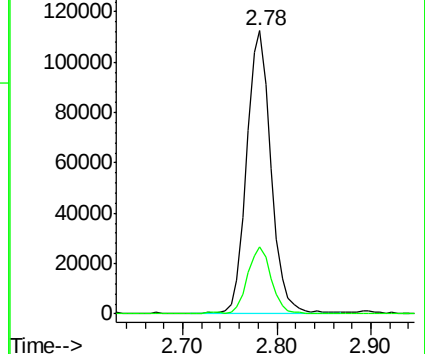
43 100

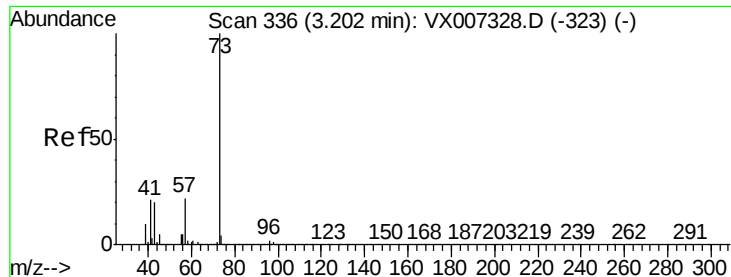
74 23.7 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

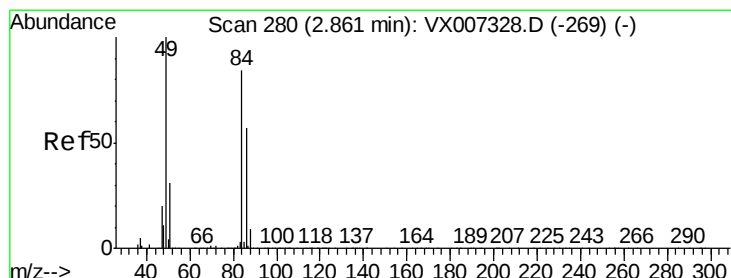
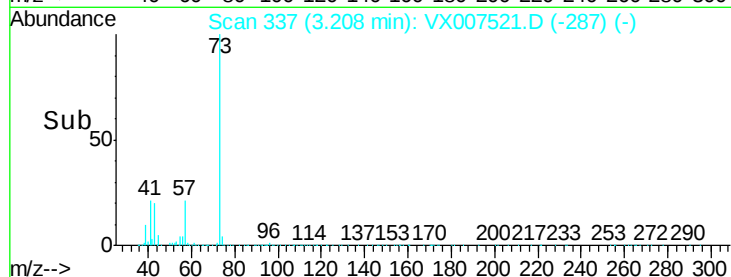
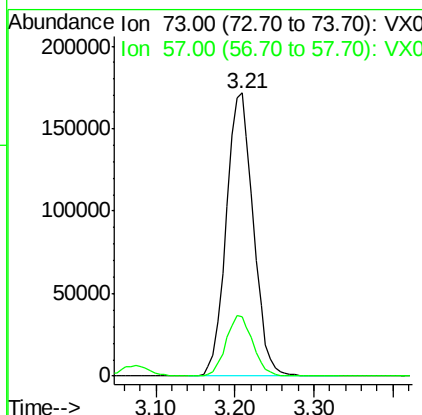
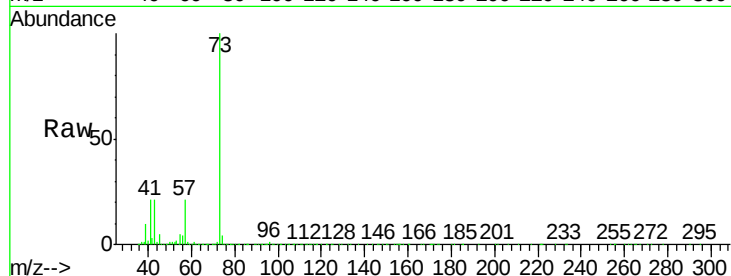




#19
Methvl tert-butvl Ether
Concen: 20.310 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

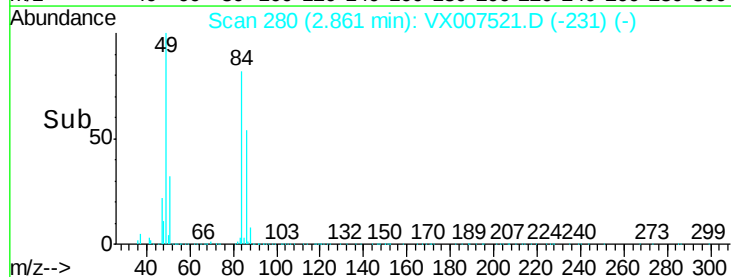
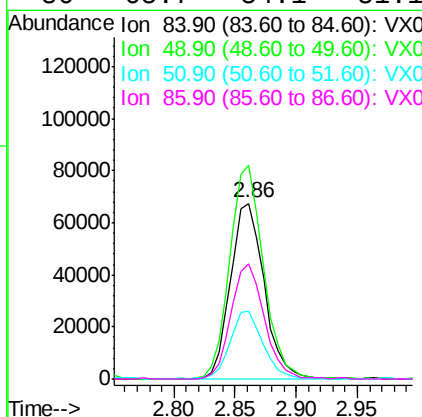
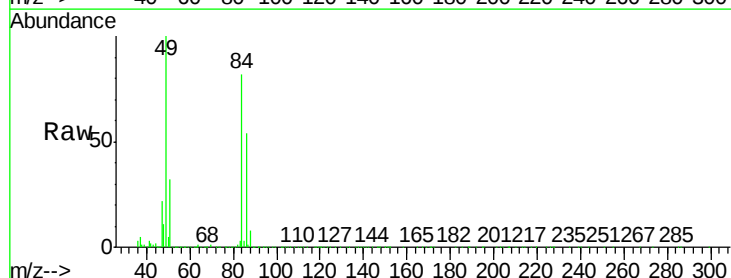
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

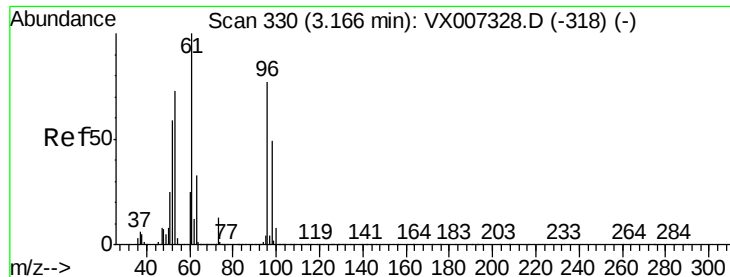
Tot Ion: 73 Resp: 408350
Ion Ratio Lower Upper
73 100
57 20.7 17.8 26.8



#20
Methylene Chloride
Concen: 19.613 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 84 Resp: 128149
Ion Ratio Lower Upper
84 100
49 121.7 94.8 142.2
51 38.6 29.8 44.8
86 65.7 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 18.385 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

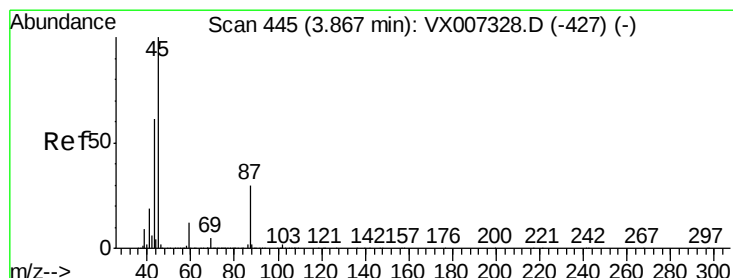
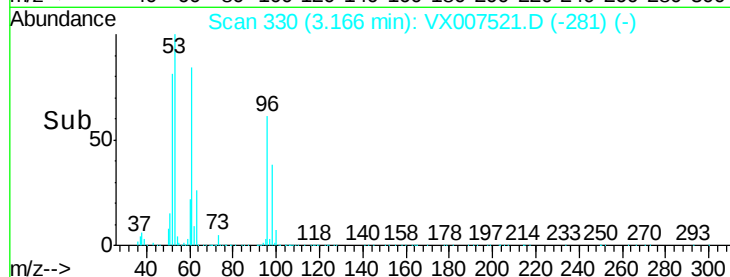
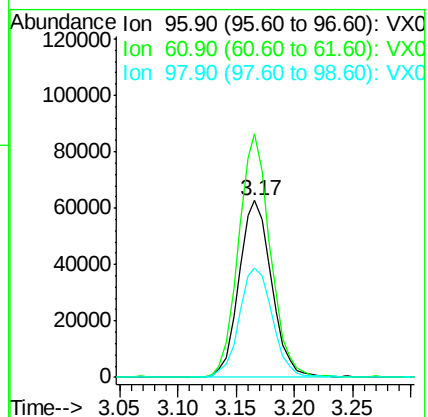
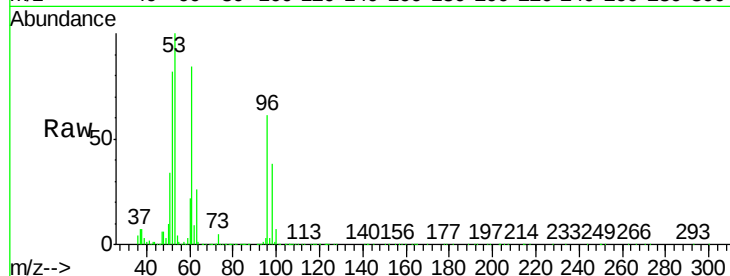
Tot Ion: 96 Resp: 121544

Ion Ratio Lower Upper

96 100

61 137.5 104.6 156.8

98 62.1 51.0 76.4



#22

Diisopropyl ether

Concen: 20.709 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Tgt Ion: 45 Resp: 385190

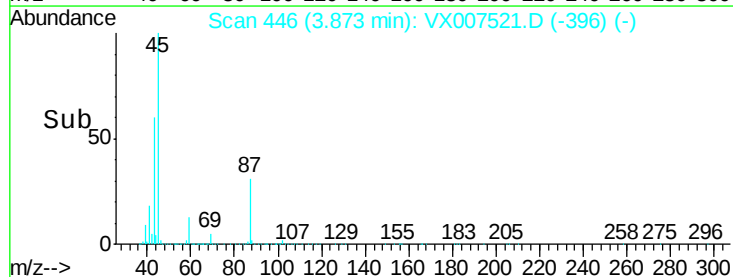
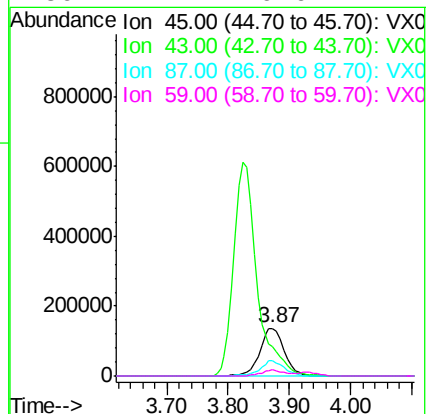
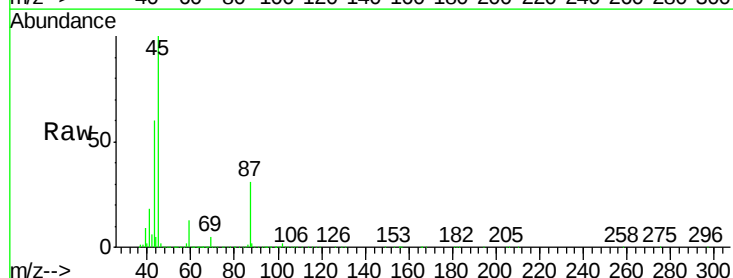
Ion Ratio Lower Upper

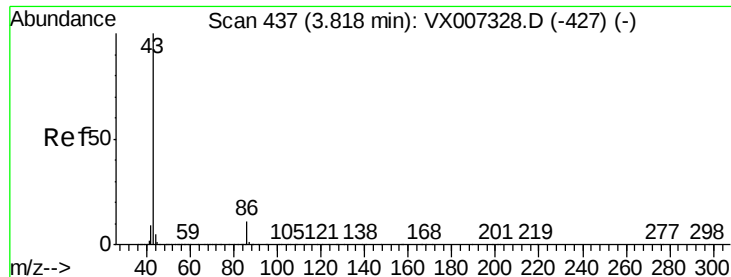
45 100

43 60.2 48.9 73.3

87 30.7 23.9 35.9

59 12.7 9.6 14.4





#23

Vinyl Acetate

Concen: 103.917 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

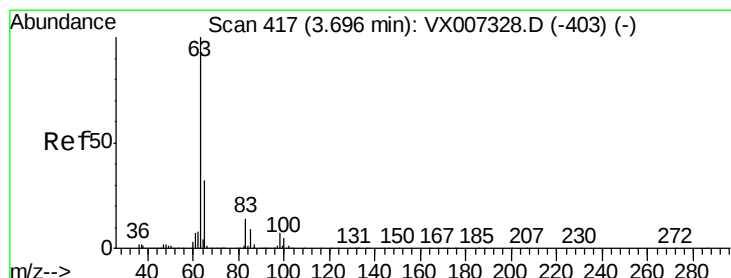
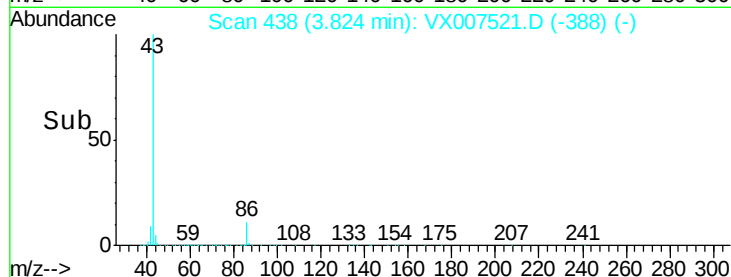
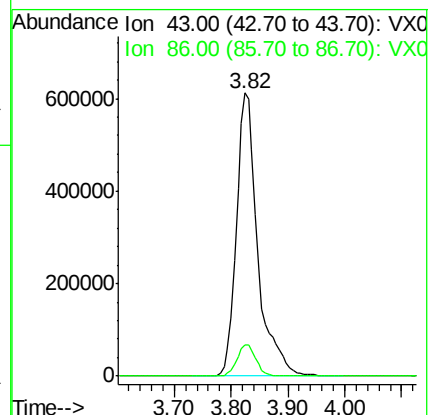
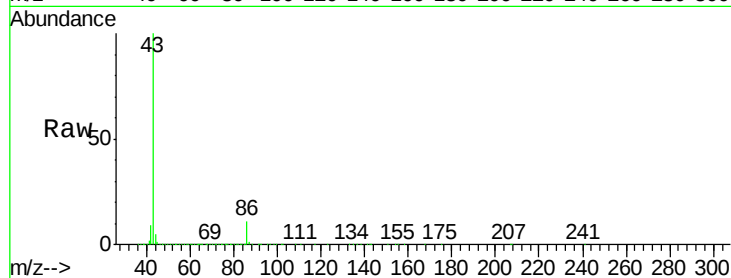
VX0214WBSD01

Tot Ion: 43 Resp: 1603983

Ion Ratio Lower Upper

43 100

86 11.1 8.7 13.1



#24

1,1-Dichloroethane

Concen: 20.401 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

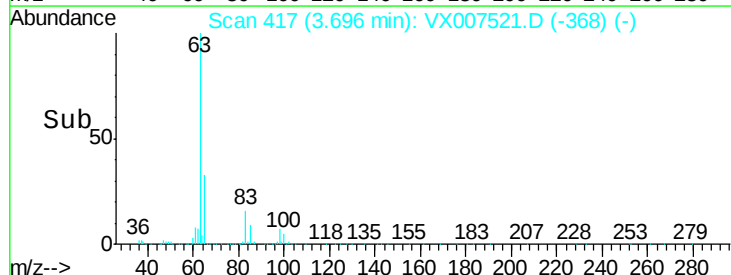
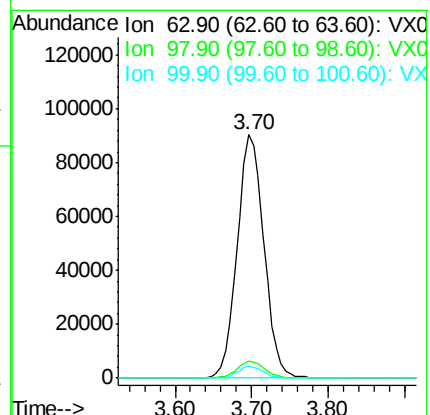
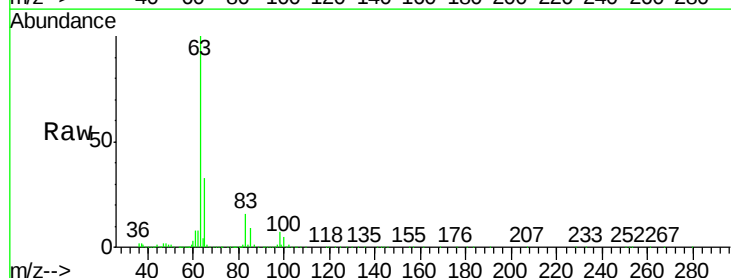
Tgt Ion: 63 Resp: 217922

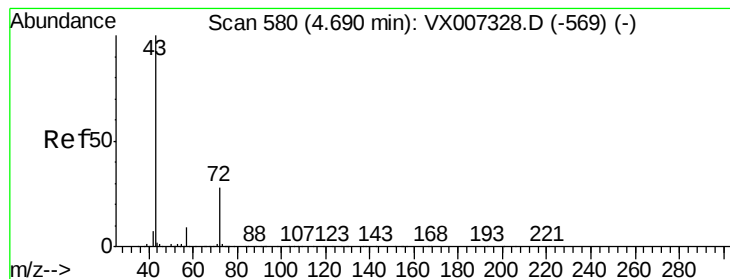
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 113.461 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

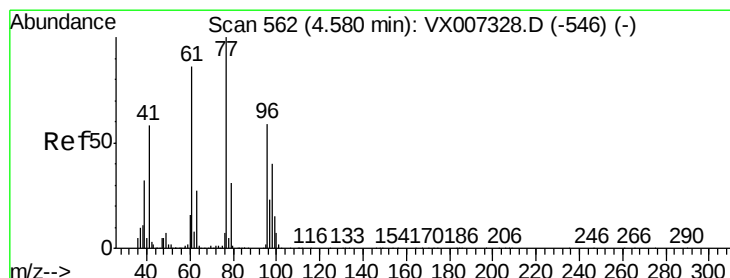
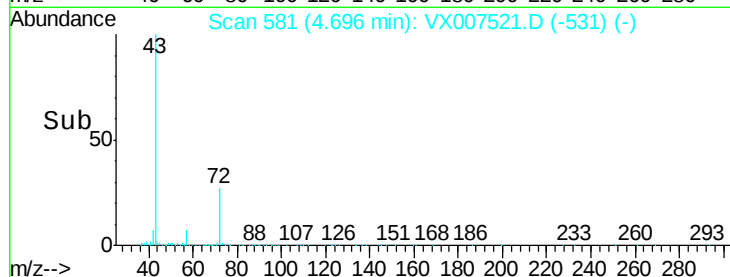
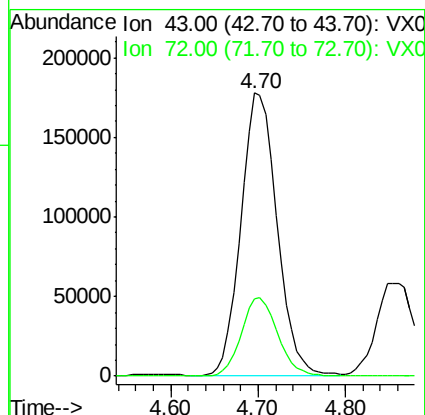
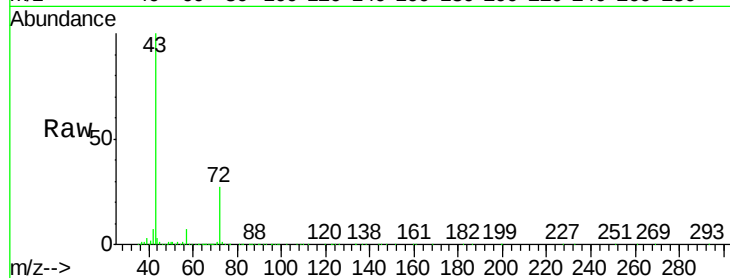
VX0214WBSD01

Tot Ion: 43 Resp: 510295

Ion Ratio Lower Upper

43 100

72 27.2 22.2 33.2



#26

2,2-Dichloropropane

Concen: 20.840 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX007521.D

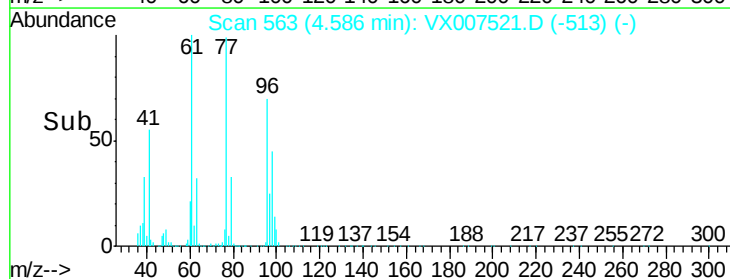
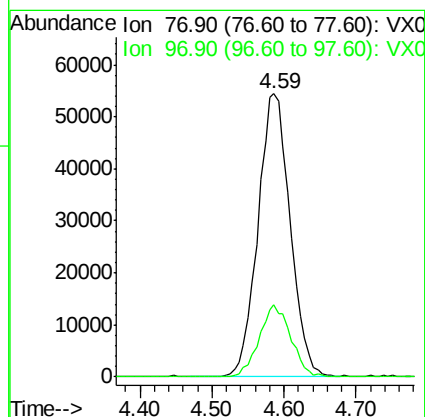
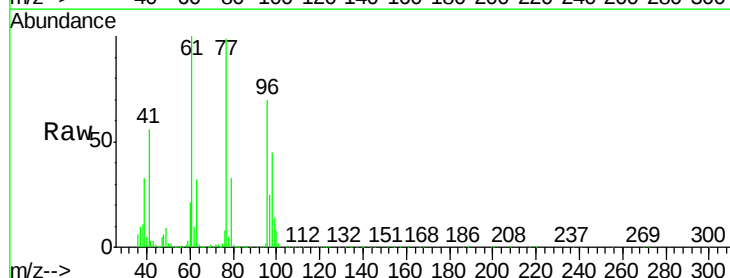
Acq: 13 Feb 2019 15:37

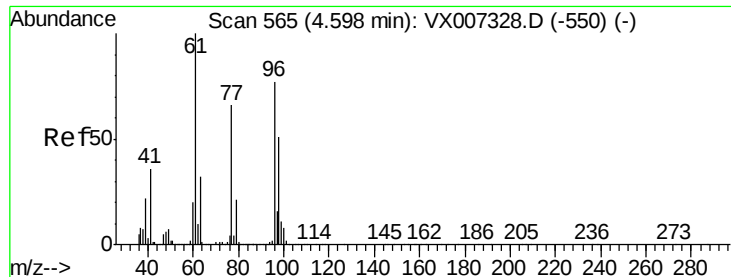
Tgt Ion: 77 Resp: 169528

Ion Ratio Lower Upper

77 100

97 25.0 12.1 36.3



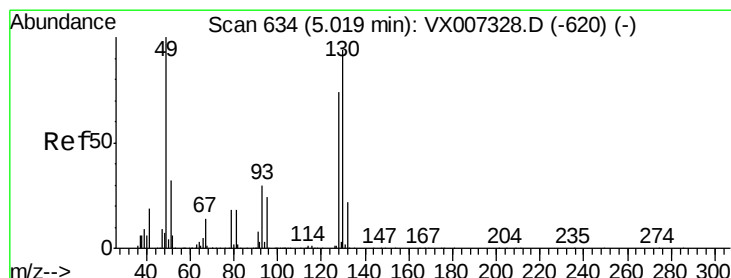
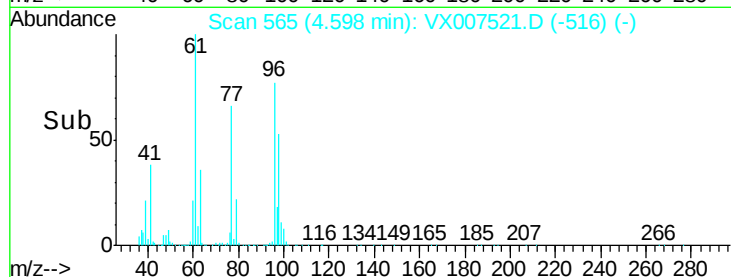
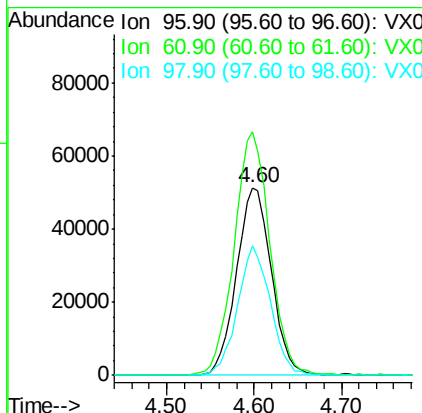
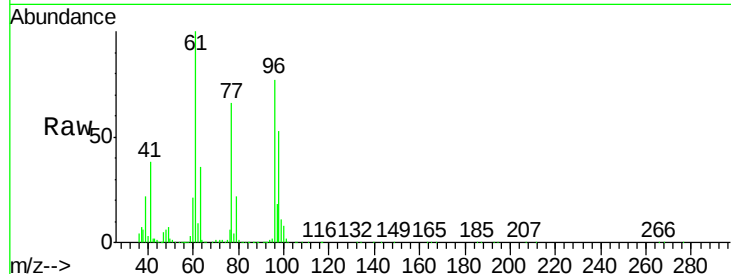


#27

cis-1,2-Dichloroethene
Concen: 19.589 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

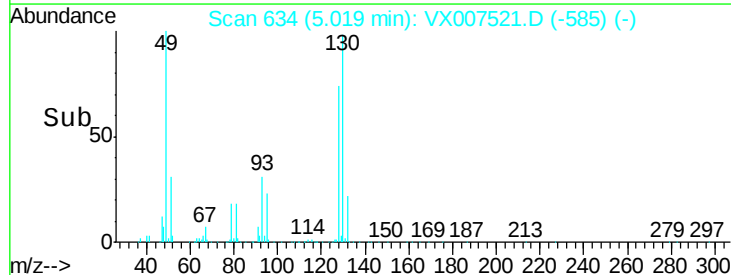
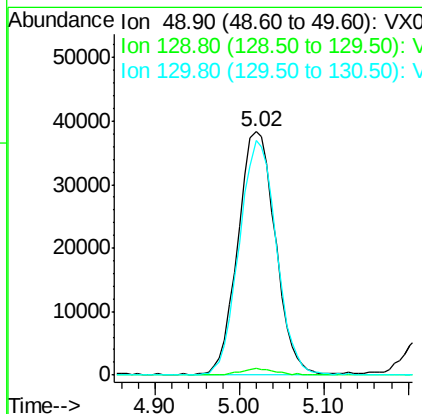
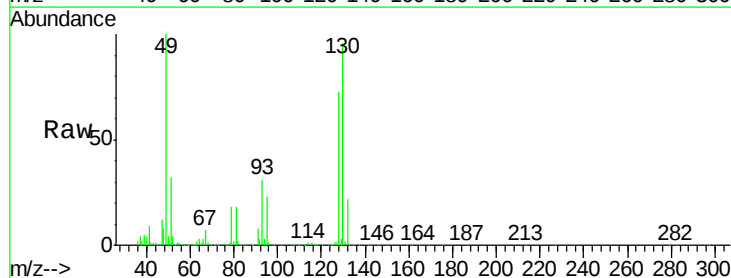
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	265.6
98	65.4	0.0	131.6



#28

Bromochloromethane
Concen: 23.458 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.6
130	96.0	75.6	113.4

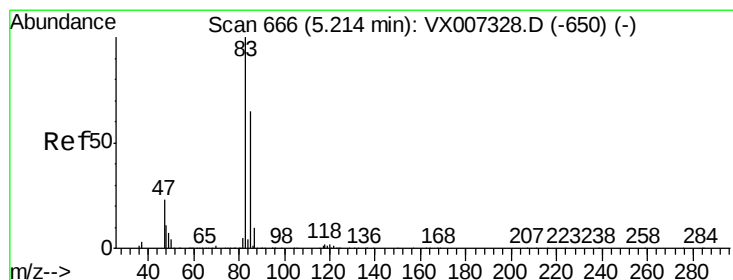
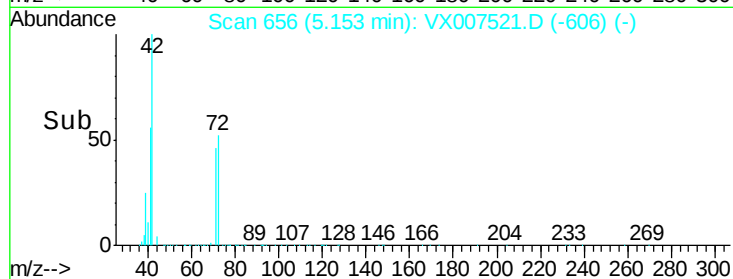
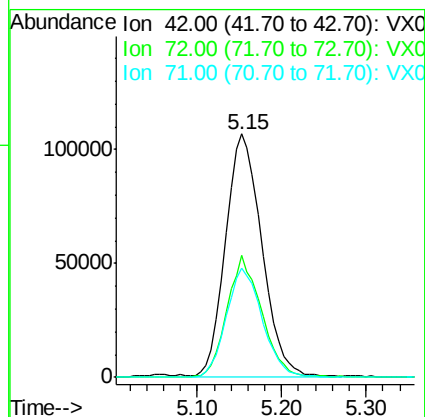
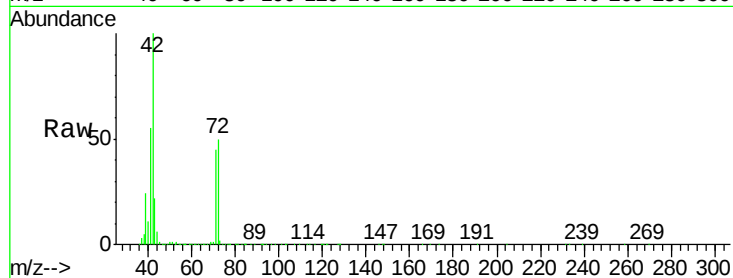




#29
Tetrahydrofuran
Concen: 110.316 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

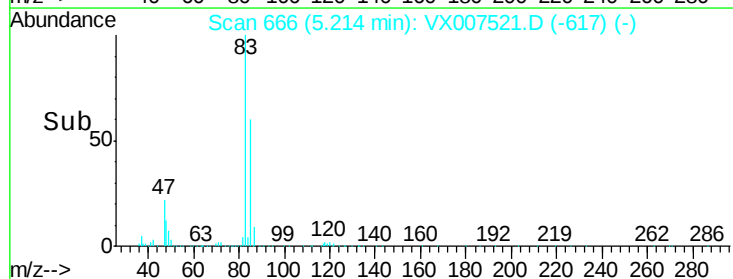
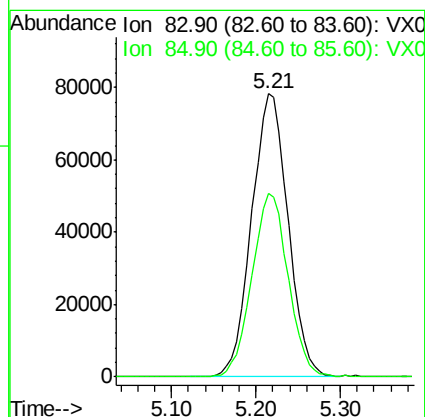
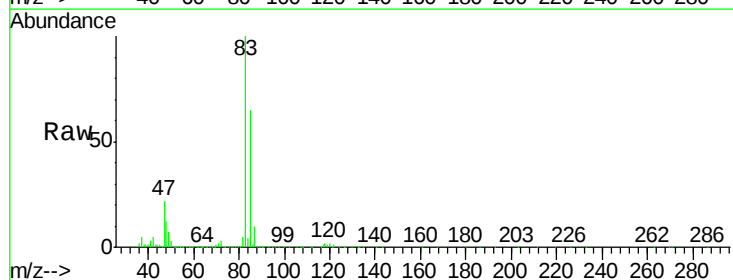
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

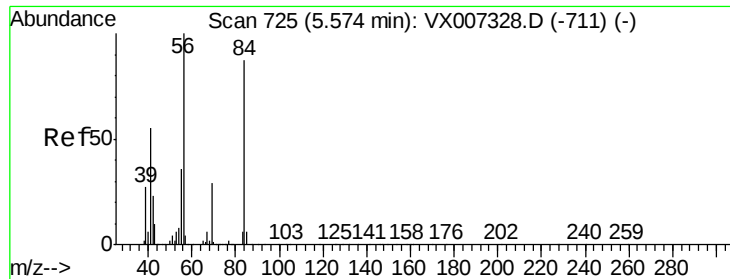
Tot Ion: 42 Resp: 312044
Ion Ratio Lower Upper
42 100
72 48.0 37.6 56.4
71 44.8 34.6 51.8



#30
Chloroform
Concen: 20.725 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 83 Resp: 231012
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4

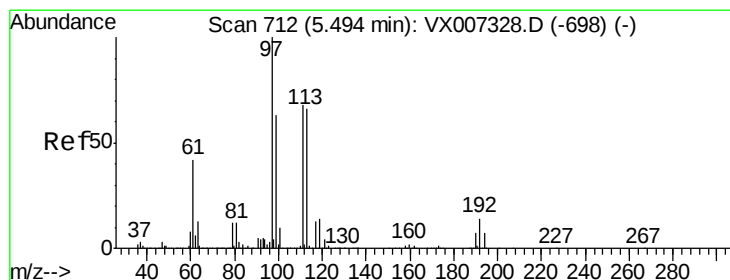
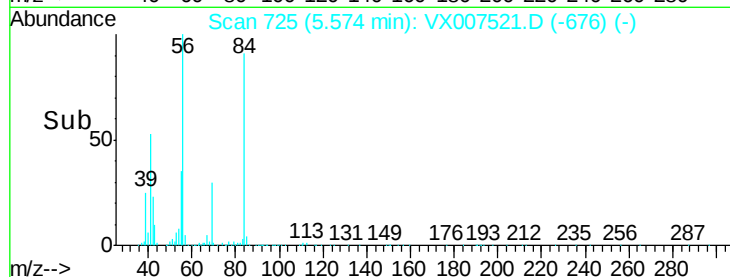
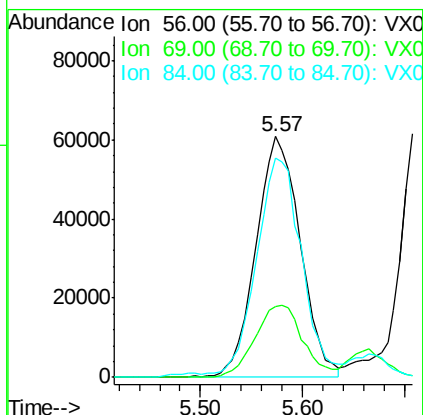
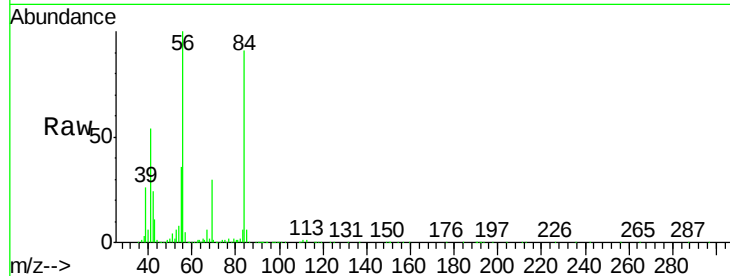




#31
Cyclohexane
Concen: 19.056 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

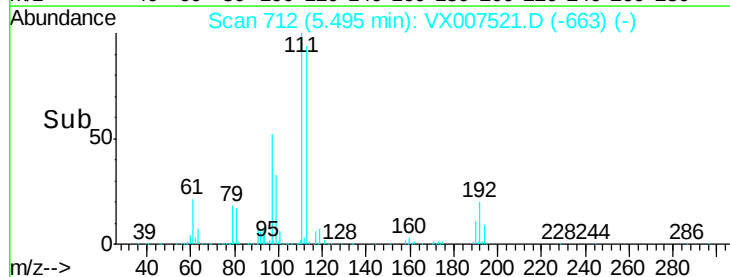
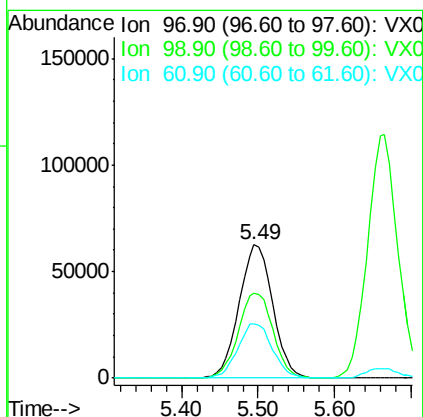
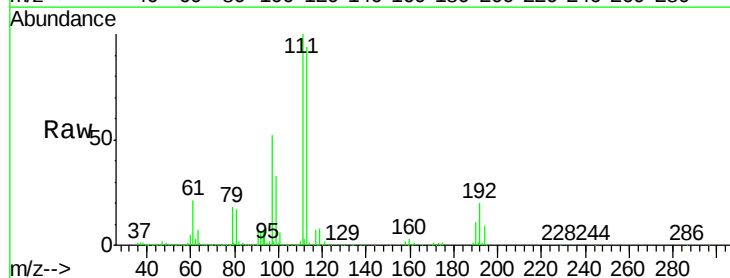
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

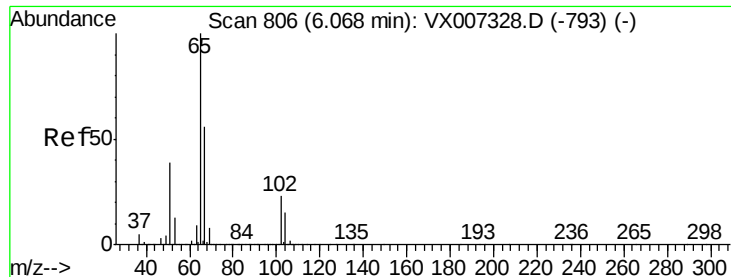
Tot Ion: 56 Resp: 182823
Ion Ratio Lower Upper
56 100
69 29.7 23.0 34.6
84 89.1 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 20.383 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 97 Resp: 191776
Ion Ratio Lower Upper
97 100
99 65.7 52.2 78.2
61 41.9 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 57.767 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

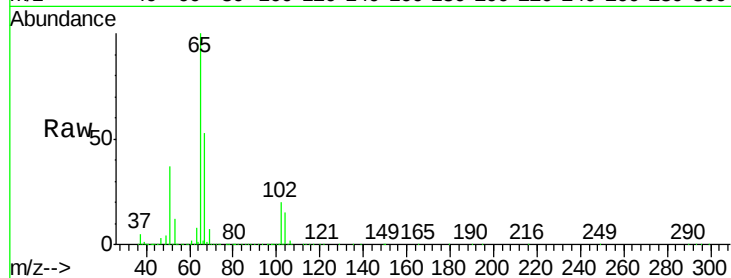
VX0214WBSD01

Tot Ion: 65 Resp: 398542

Ion Ratio Lower Upper

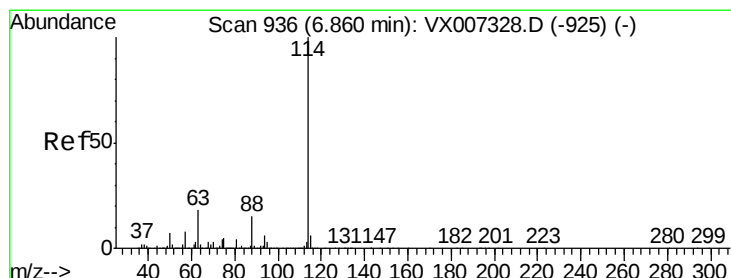
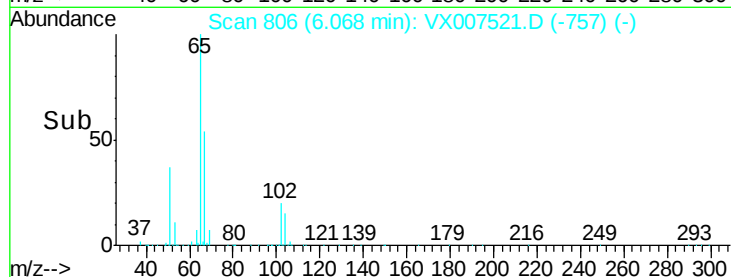
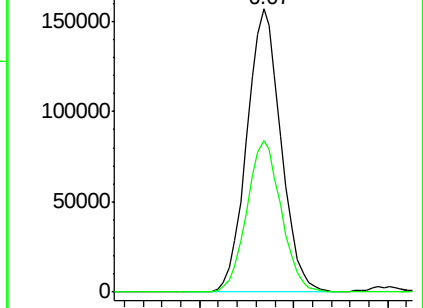
65 100

67 53.8 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: VX007521.D

Acq: 13 Feb 2019 15:37

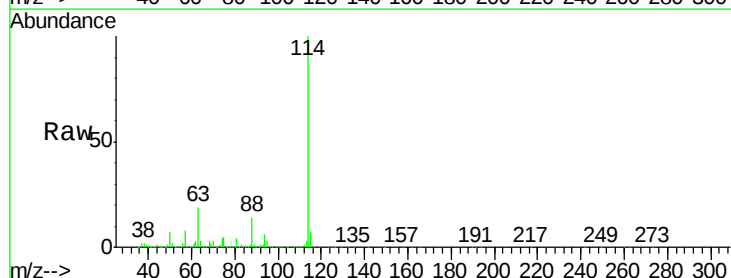
Tgt Ion: 114 Resp: 958737

Ion Ratio Lower Upper

114 100

63 19.0 0.0 35.6

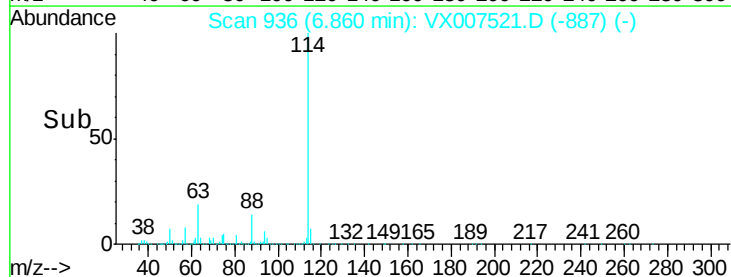
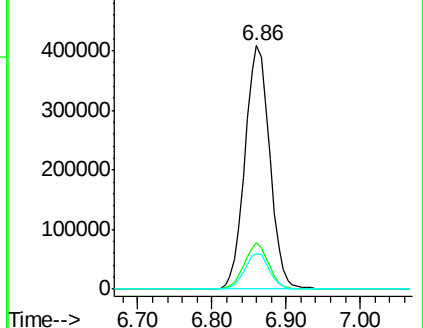
88 14.4 0.0 29.6



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: 58.497 ug/l

RT: 5.50 min Scan# 713

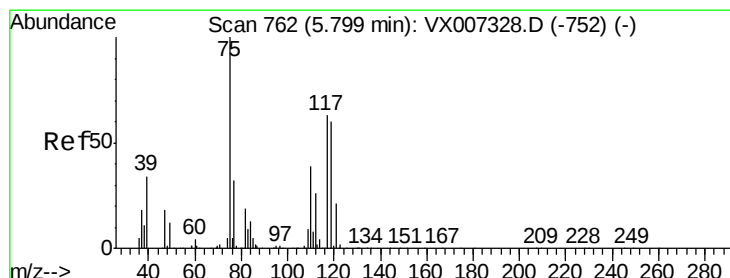
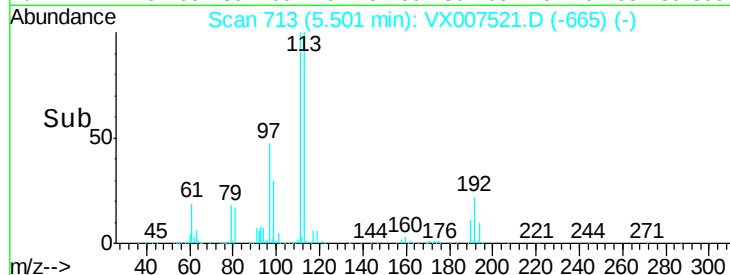
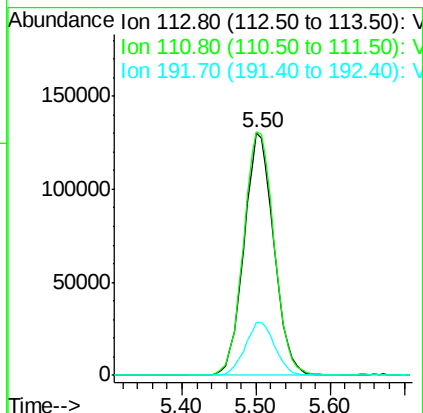
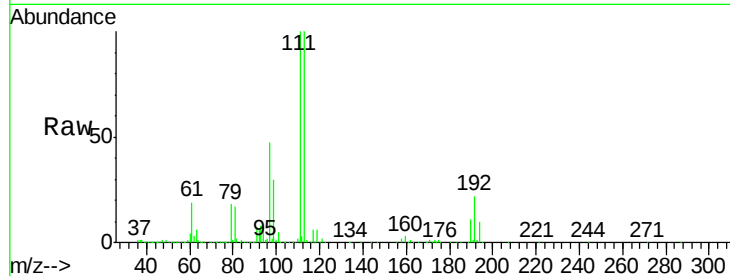
Delta R.T. -0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :
MSVOA_X
ClientSampled :
VX0214WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.8	122.8
192	22.0	18.5	27.7



#36

1,1-Dichloropropene

Concen: 18.827 ug/l

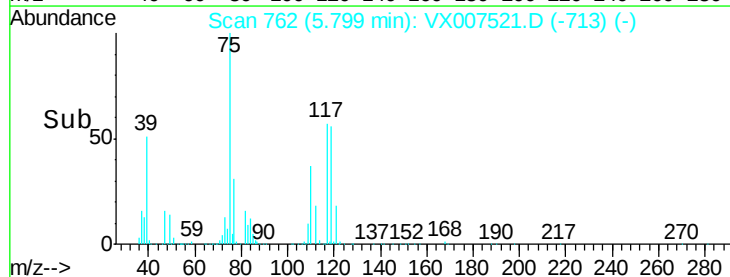
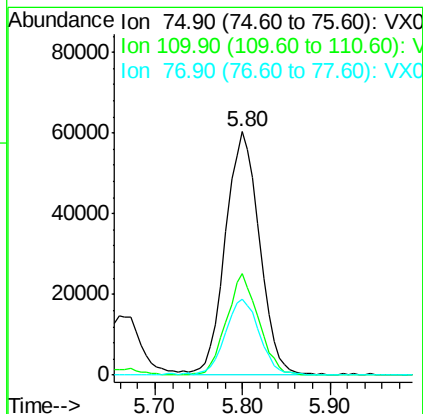
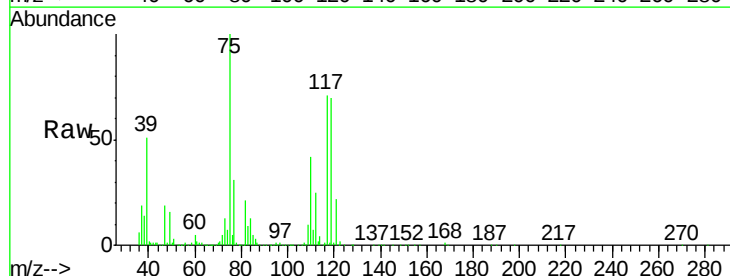
RT: 5.80 min Scan# 762

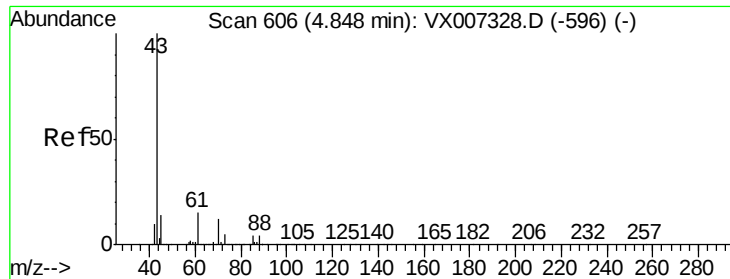
Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.9	20.0	59.9
77	31.4	24.7	37.1

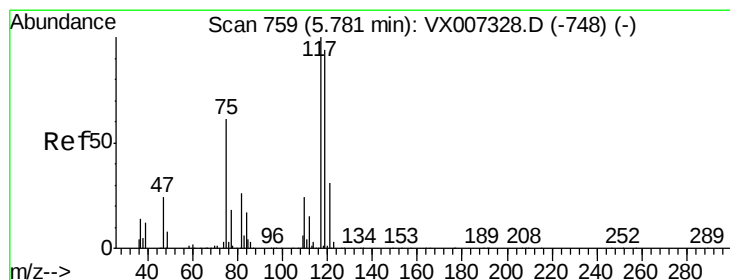
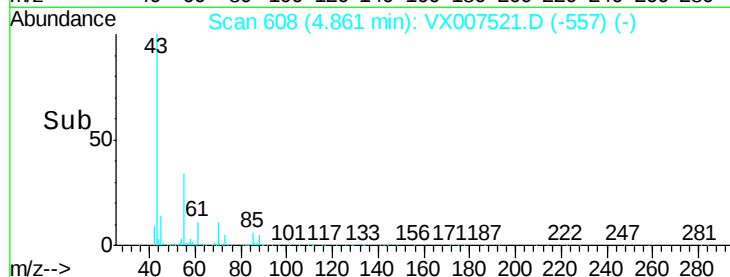
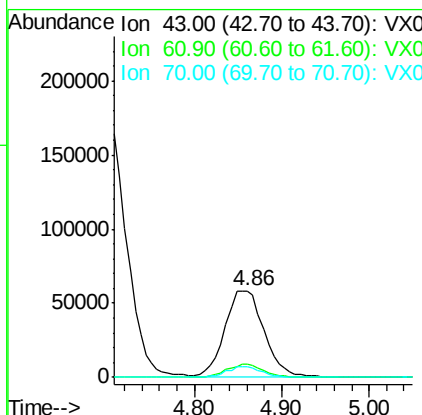
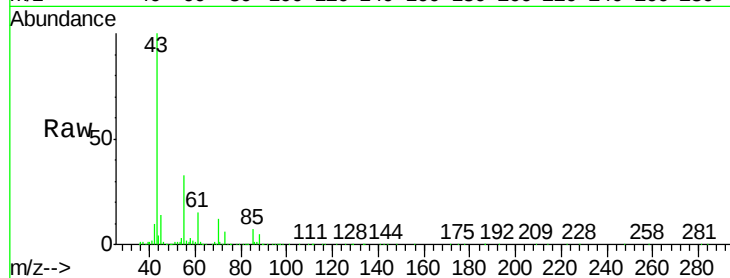




#37
Ethyl Acetate
Concen: 20.679 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

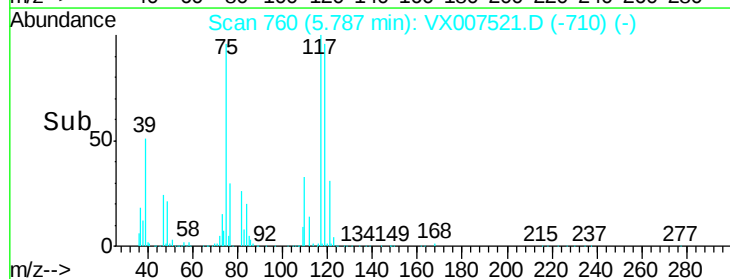
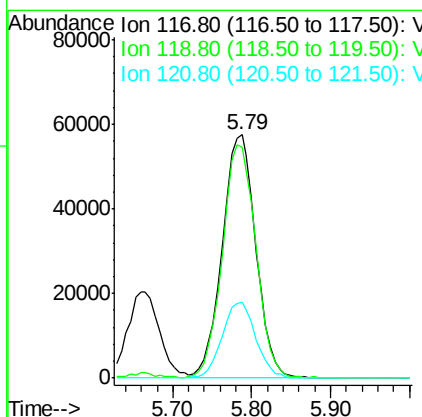
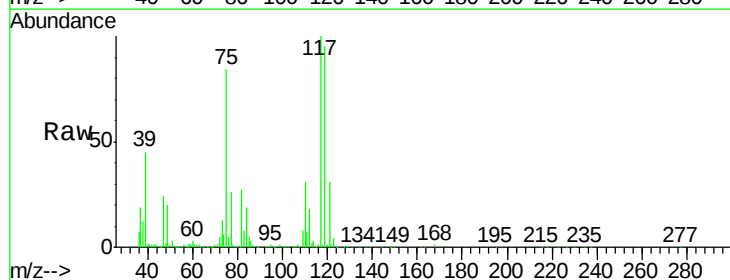
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion: 43 Resp: 179818
Ion Ratio Lower Upper
43 100
61 15.1 11.3 16.9
70 11.0 8.6 13.0



#38
Carbon Tetrachloride
Concen: 20.402 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 117 Resp: 170260
Ion Ratio Lower Upper
117 100
119 94.4 75.3 112.9
121 30.9 25.0 37.4

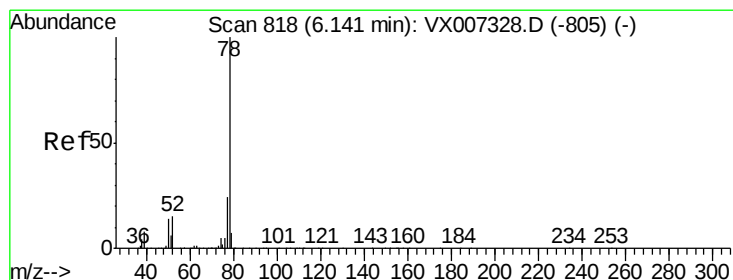
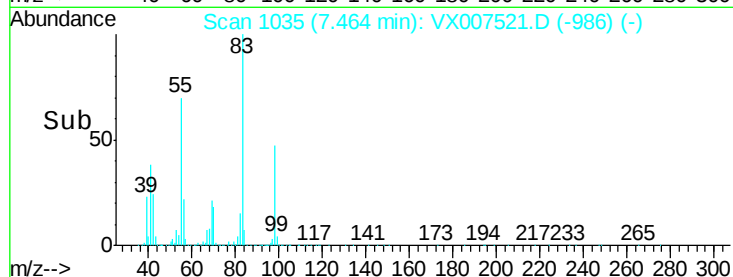
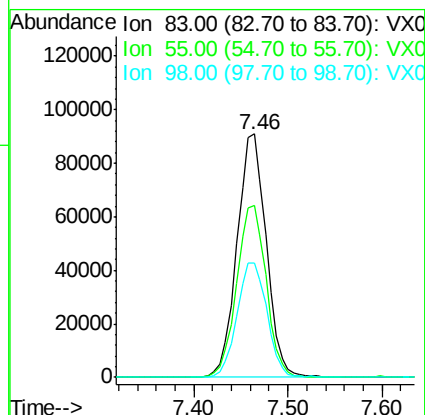
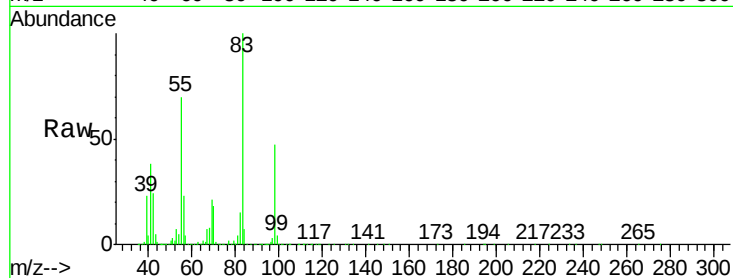




#39
Methvlcvclohexane
Concen: 18.941 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

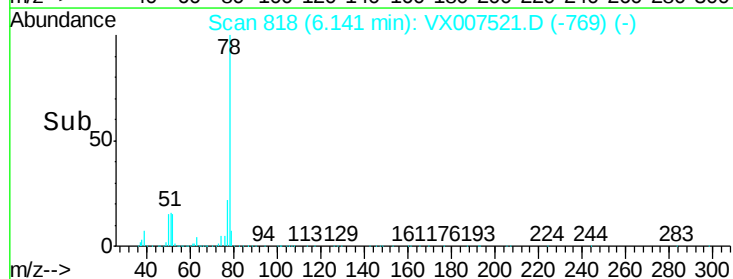
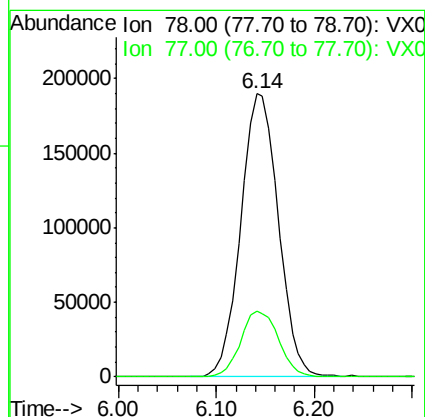
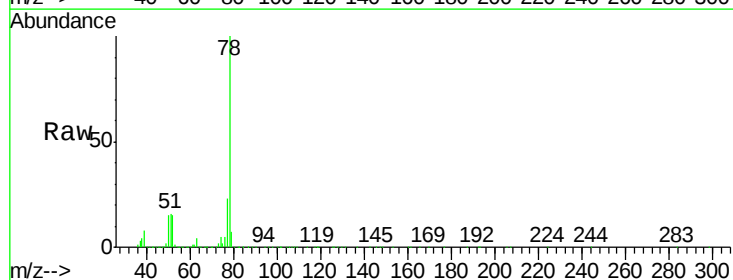
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

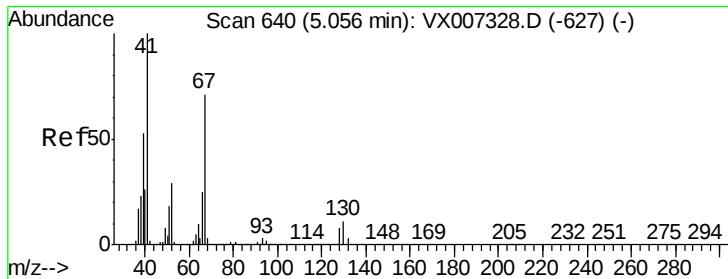
Tot Ion: 83 Resp: 197133
Ion Ratio Lower Upper
83 100
55 70.2 56.2 84.2
98 47.1 36.8 55.2



#40
Benzene
Concen: 19.931 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 78 Resp: 505037
Ion Ratio Lower Upper
78 100
77 23.0 19.3 28.9

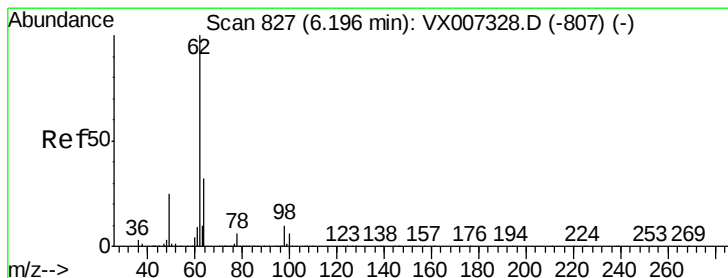
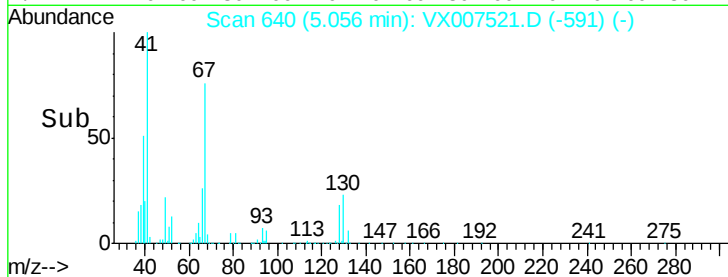
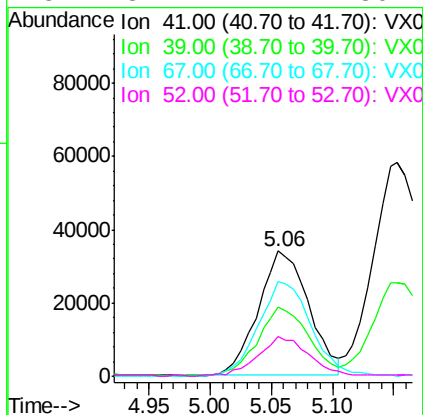
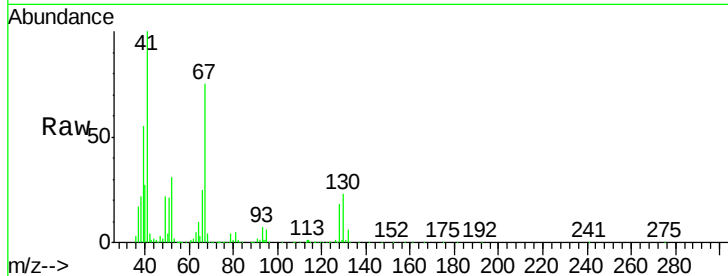




#41
Methacrylonitrile
Concen: 20.971 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

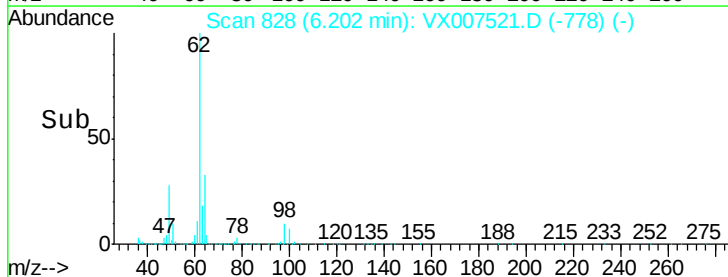
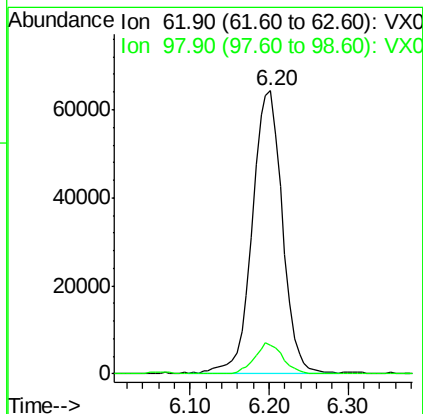
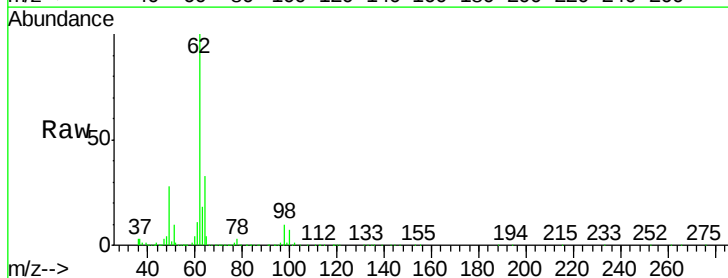
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

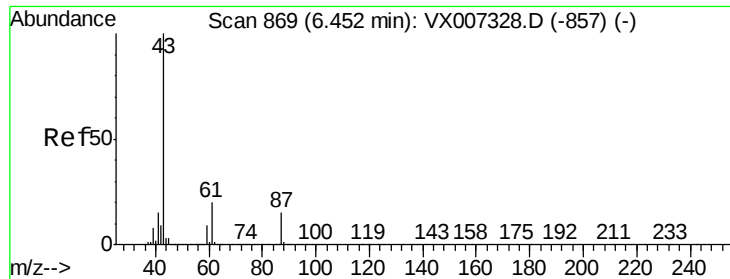
Tot Ion:	41	Resp:	97737
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.5	66.7
67	78.8	60.4	90.6
52	31.7	24.1	36.1



#42
1,2-Dichloroethane
Concen: 19.305 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion:	62	Resp:	169256
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.0



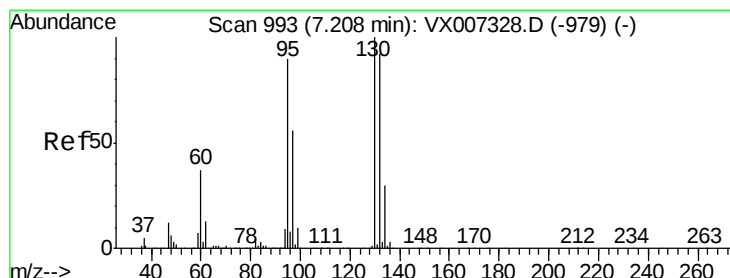
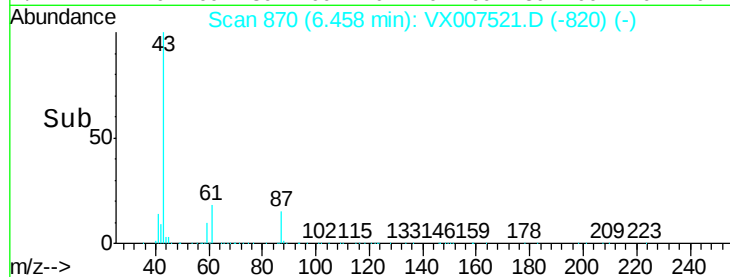
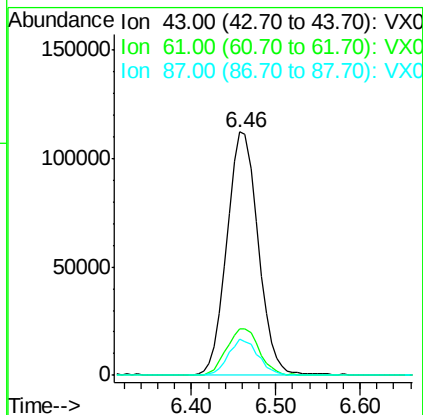
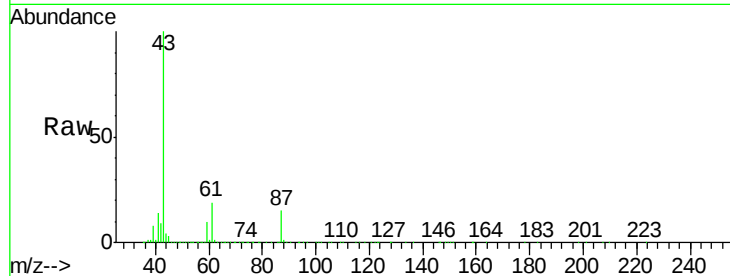


#43

Isopropyl Acetate
 Concen: 20.925 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

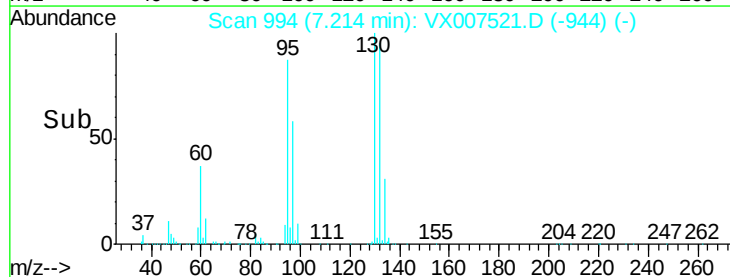
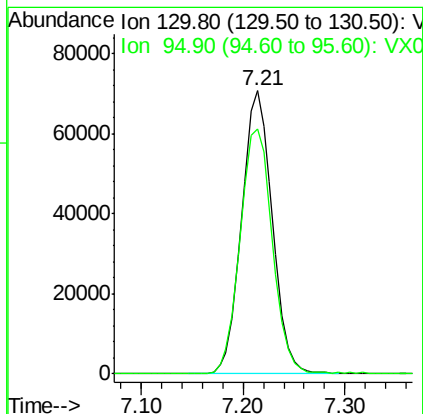
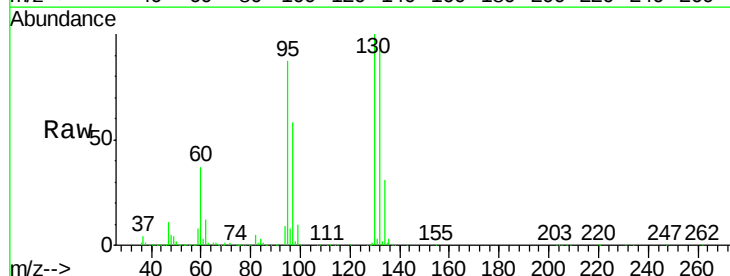
Tot Ion	43	Resp	280861
Ion Ratio	Lower	Upper	
43	100		
61	20.3	16.1	24.1
87	14.4	11.5	17.3

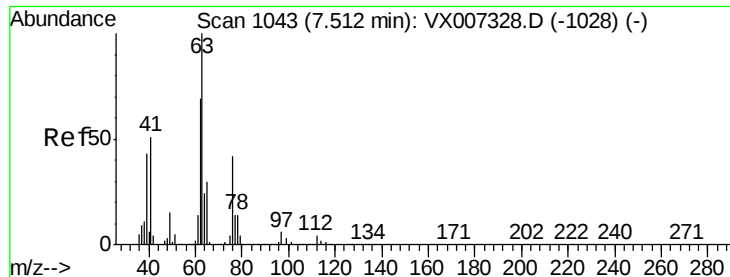


#44

Trichloroethene
 Concen: 19.399 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Tgt Ion	130	Resp	148049
Ion Ratio	Lower	Upper	
130	100		
95	86.6	0.0	180.0





#45

1,2-Dichloropropane

Concen: 20.157 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

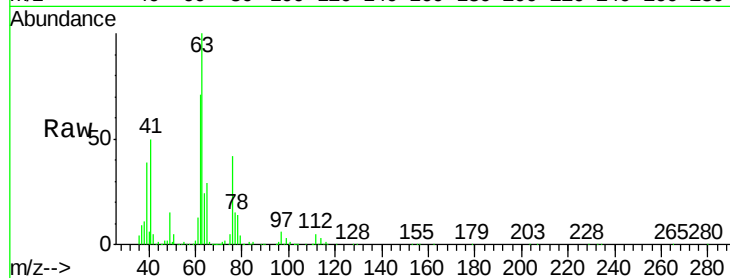
VX0214WBSD01

Tot Ion: 63 Resp: 127974

Ion Ratio Lower Upper

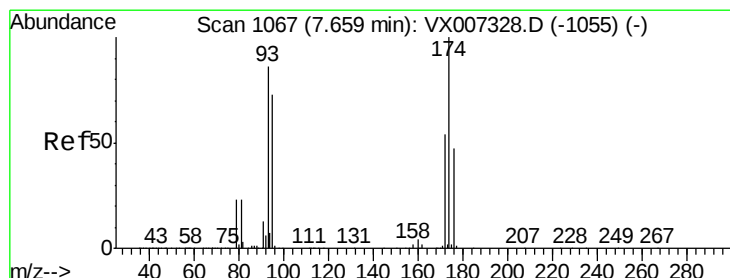
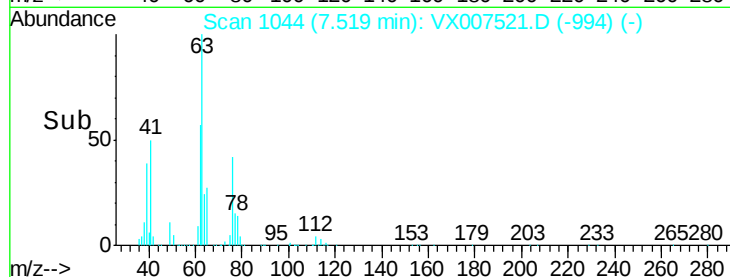
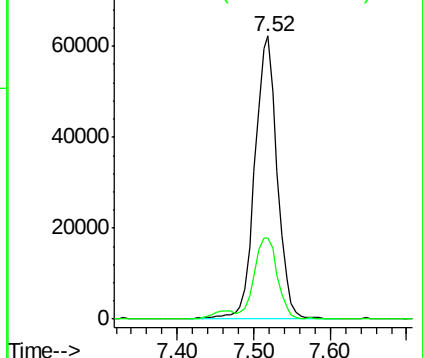
63 100

65 28.6 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: 19.516 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

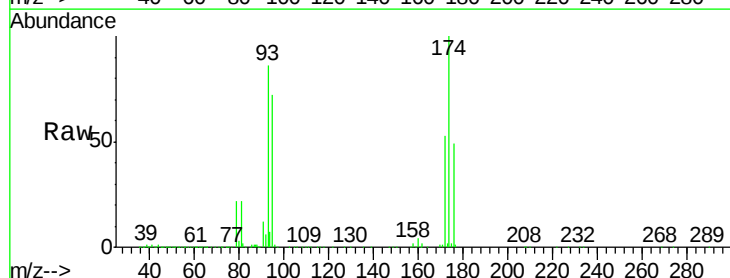
Tgt Ion: 93 Resp: 90056

Ion Ratio Lower Upper

93 100

95 82.9 67.6 101.4

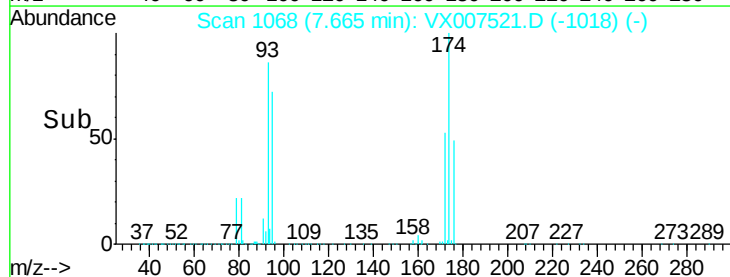
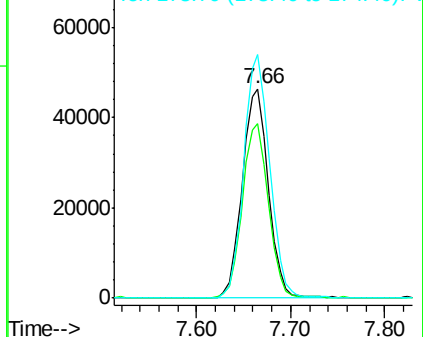
174 115.7 94.2 141.4

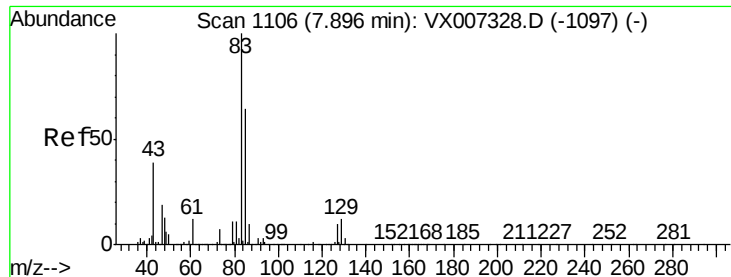


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.451 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

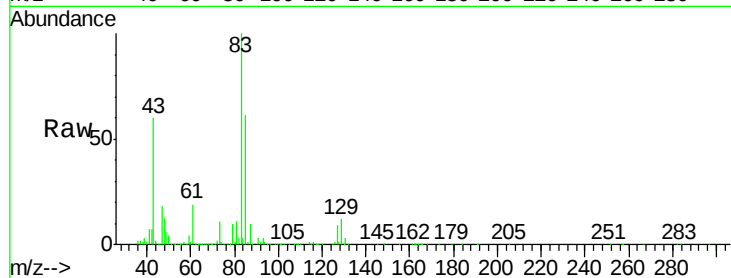
Tot Ion: 83 Resp: 159937

Ion Ratio Lower Upper

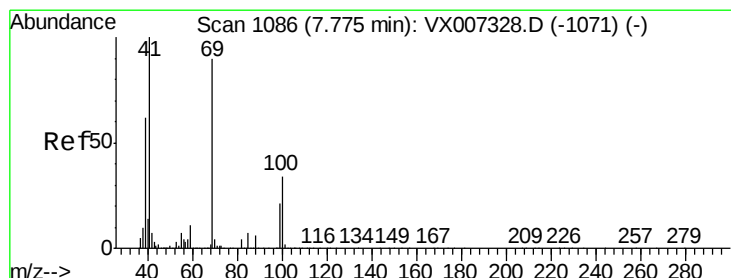
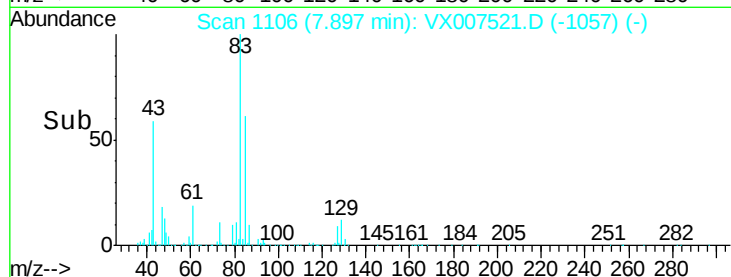
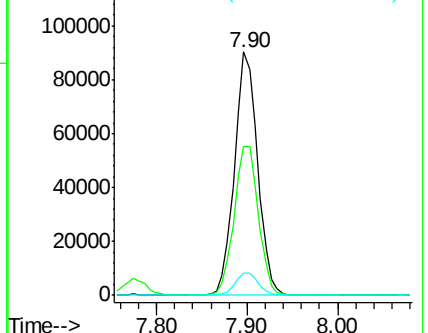
83 100

85 61.0 51.4 77.0

127 8.9 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: 21.450 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

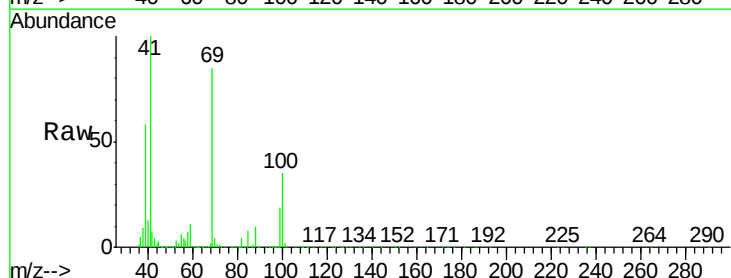
Tgt Ion: 41 Resp: 144007

Ion Ratio Lower Upper

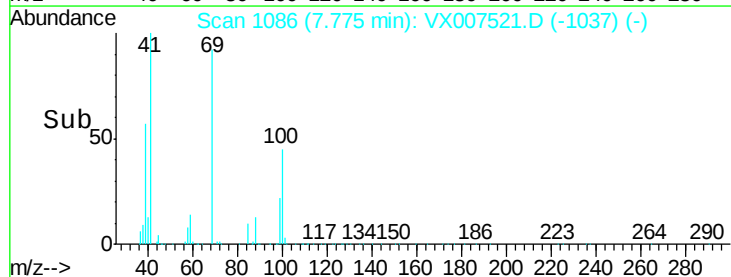
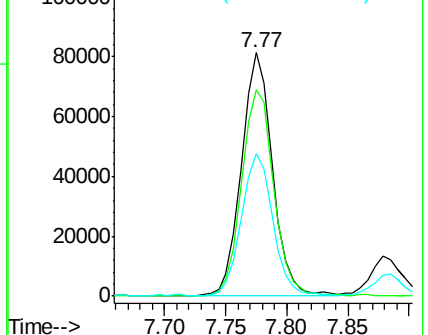
41 100

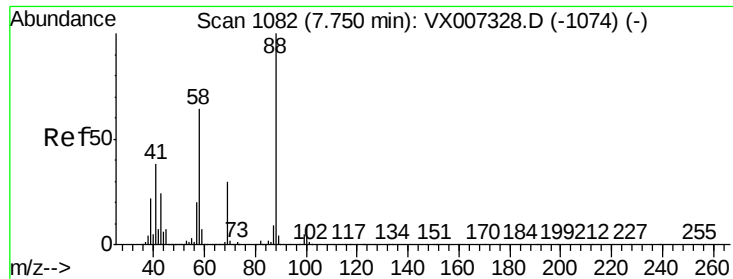
69 87.3 70.2 105.4

39 58.5 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: 434.913 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

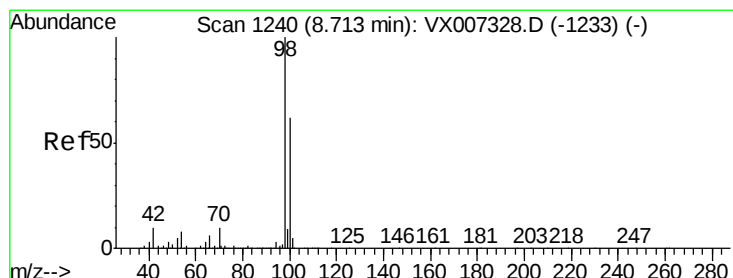
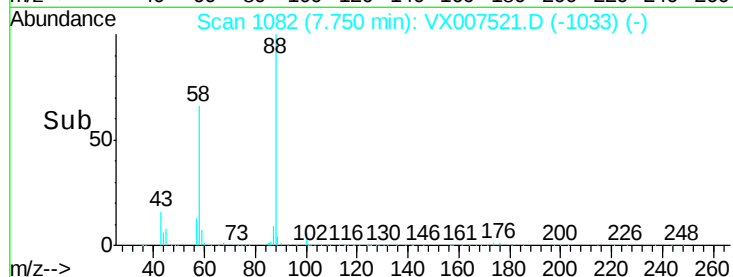
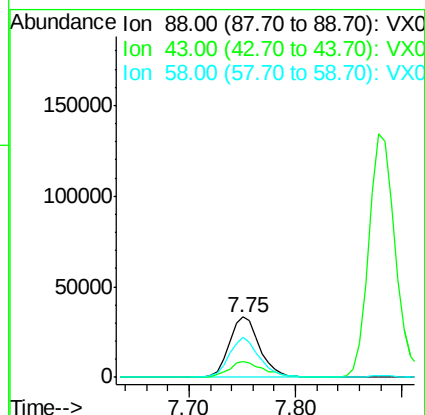
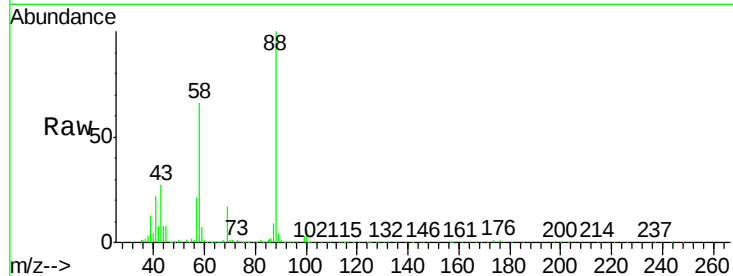
Tot Ion: 88 Resp: 65805

Ion Ratio Lower Upper

88 100

43 29.6 24.2 36.4

58 66.9 53.0 79.4



#50

Toluene-d8

Concen: 55.719 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007521.D

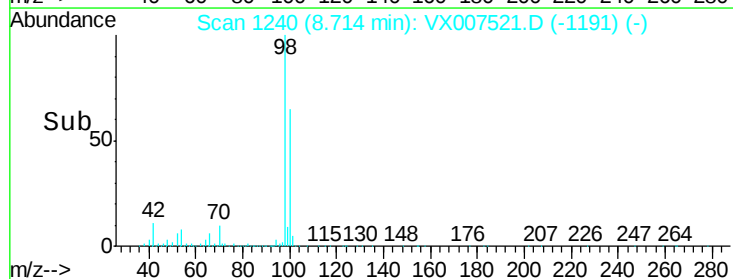
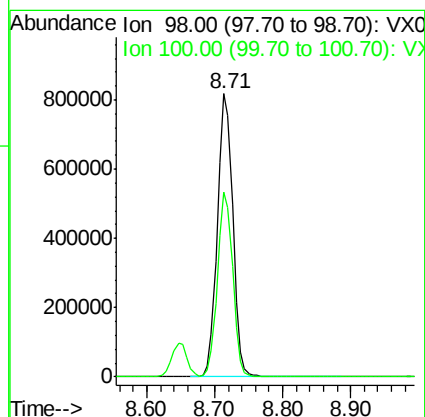
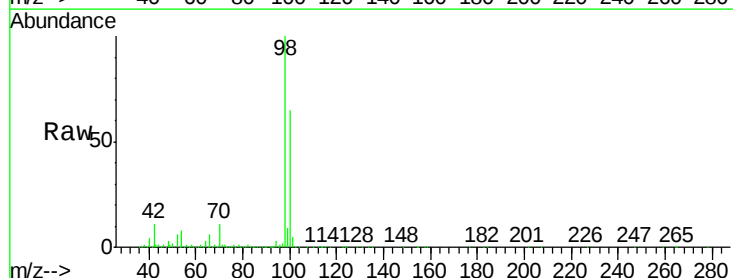
Acq: 13 Feb 2019 15:37

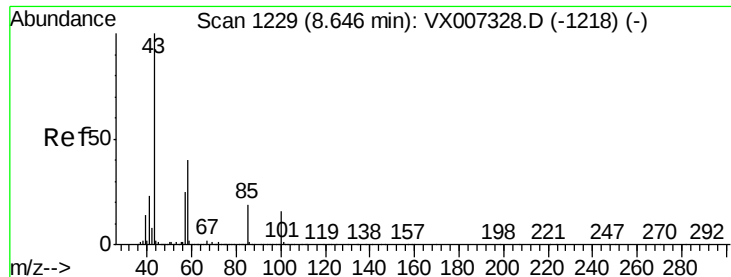
Tgt Ion: 98 Resp: 1289601

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 105.441 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

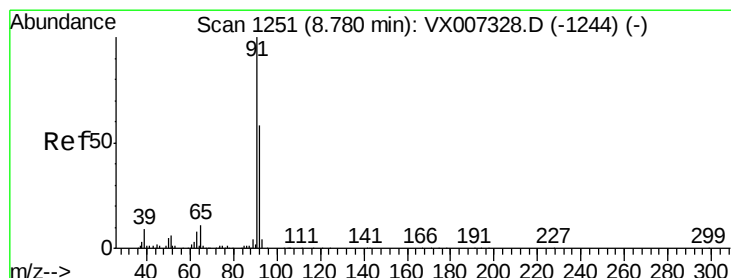
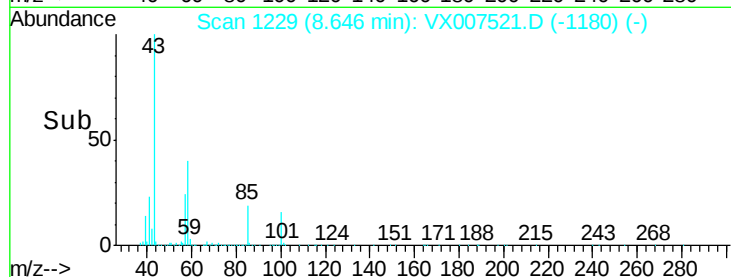
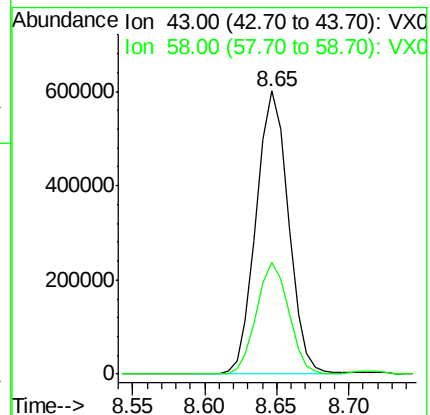
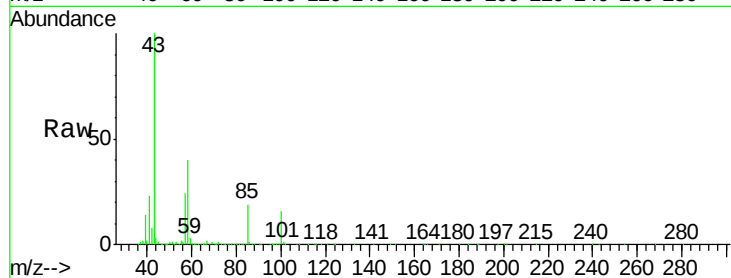
VX0214WBSD01

Tot Ion: 43 Resp: 931652

Ion Ratio Lower Upper

43 100

58 39.2 31.2 46.8



#52

Toluene

Concen: 19.407 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX007521.D

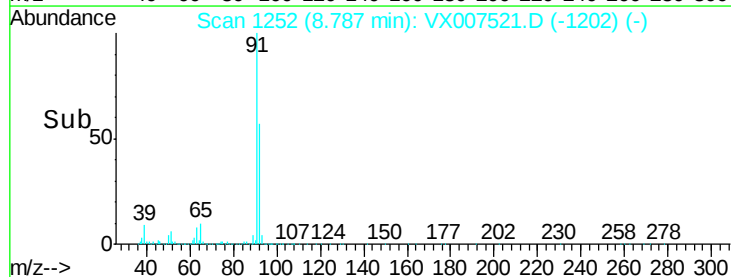
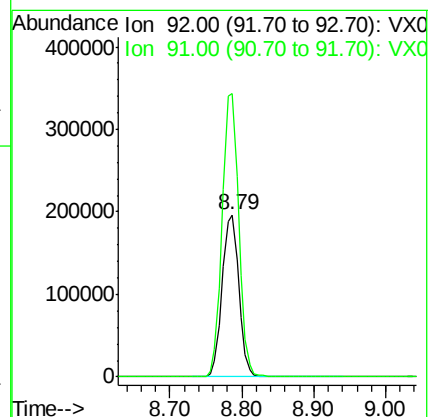
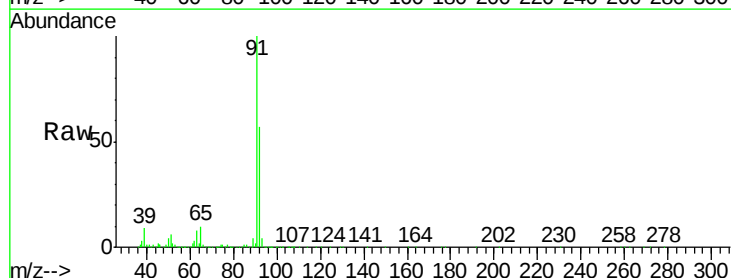
Acq: 13 Feb 2019 15:37

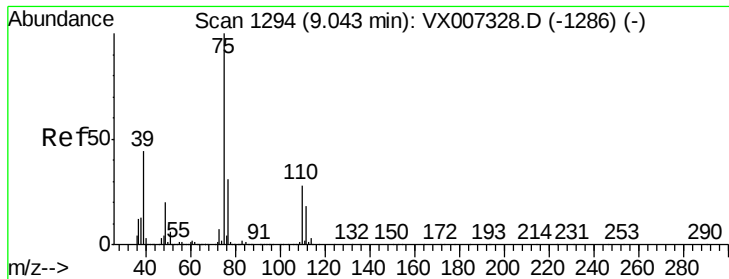
Tgt Ion: 92 Resp: 317286

Ion Ratio Lower Upper

92 100

91 172.7 139.1 208.7





#53

t-1,3-Dichloropropene

Concen: 20.406 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

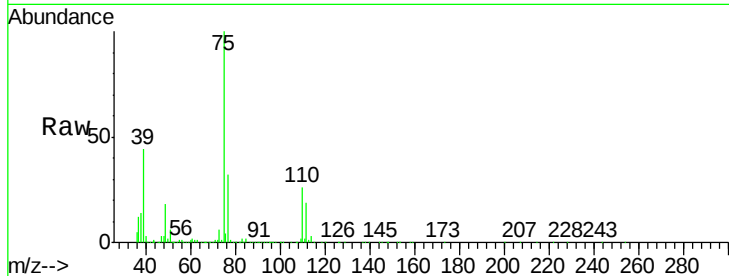
VX0214WBSD01

Tot Ion: 75 Resp: 171418

Ion Ratio Lower Upper

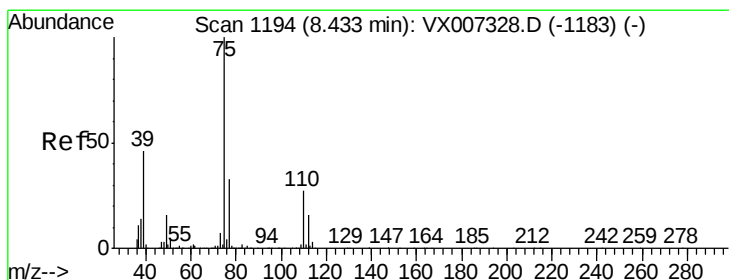
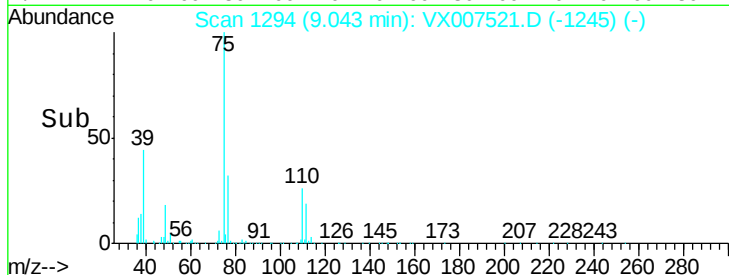
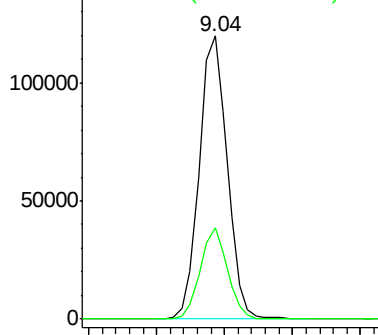
75 100

77 32.0 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 20.897 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

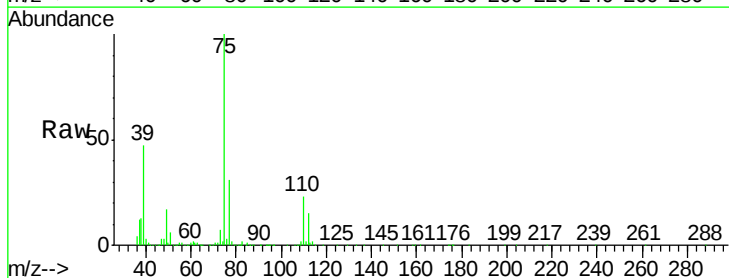
Tgt Ion: 75 Resp: 193040

Ion Ratio Lower Upper

75 100

77 30.7 26.2 39.4

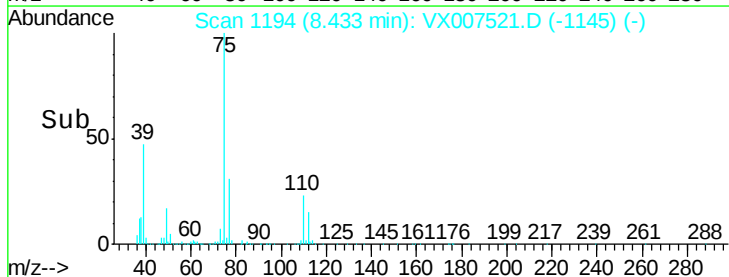
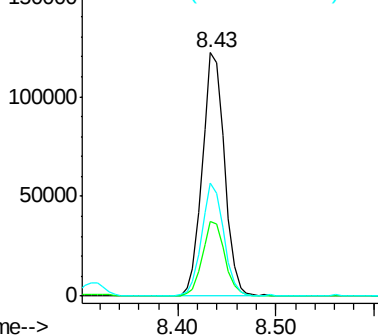
39 46.7 37.1 55.7

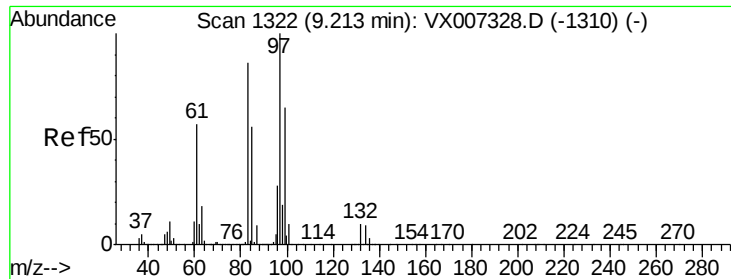


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

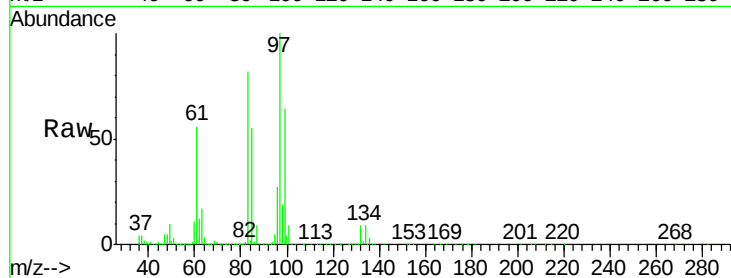




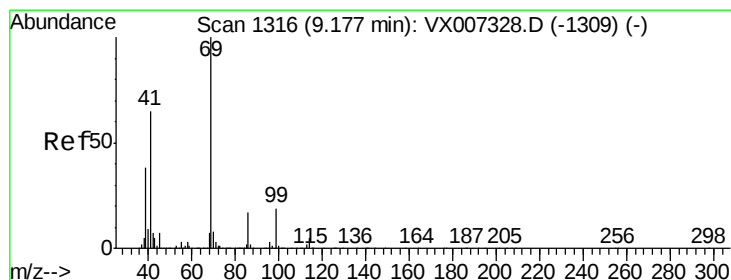
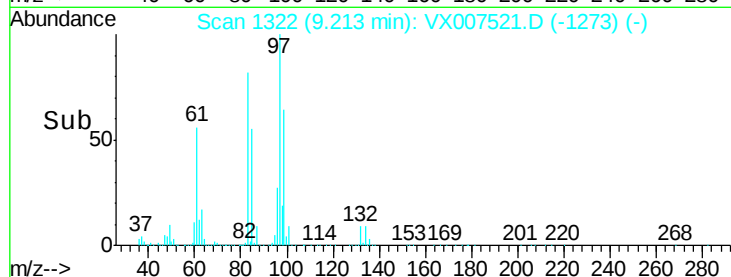
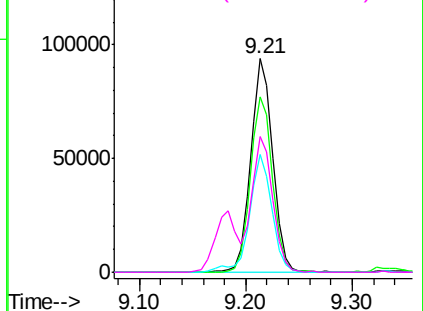
#55
 1,1,2-Trichloroethane
 Concen: 19.991 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

Tot Ion:	97	Resp:	136233
Ion	Ratio	Lower	Upper
97	100		
83	81.8	68.6	102.8
85	54.9	44.5	66.7
99	63.4	52.2	78.4

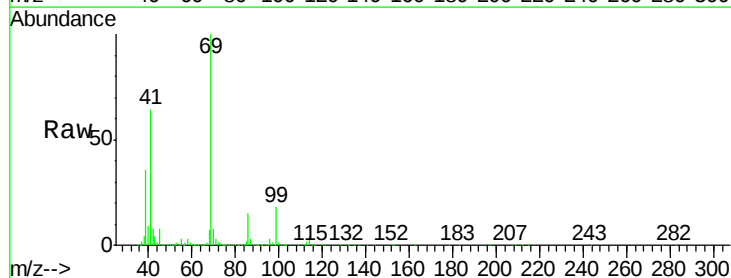


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

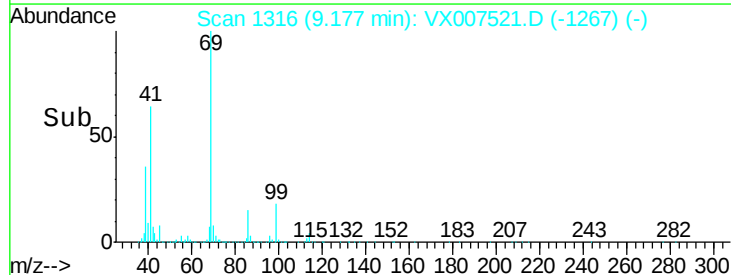
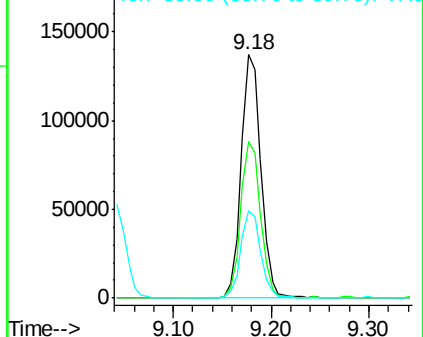


#56
 Ethyl methacrylate
 Concen: 20.346 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Tgt Ion:	69	Resp:	192041
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.1	78.1
39	35.8	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: 20.093 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

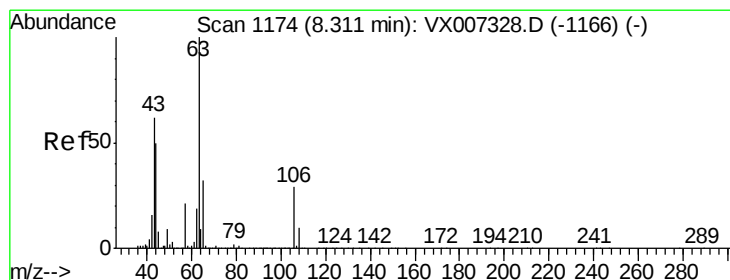
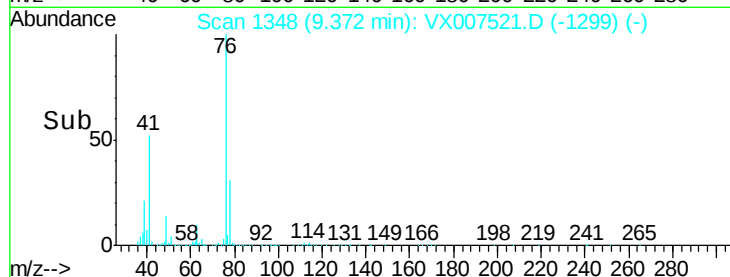
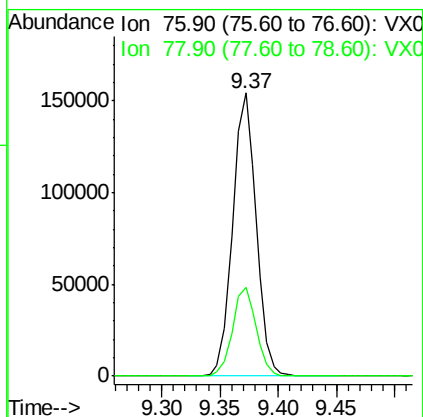
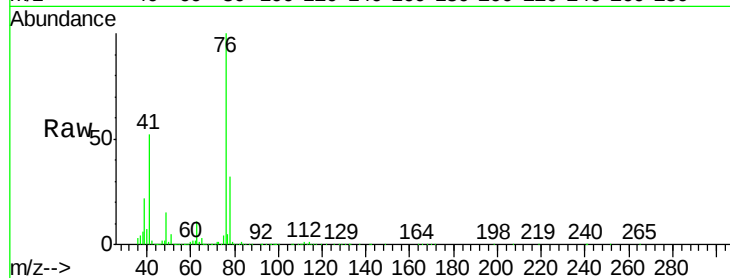
VX0214WBSD01

Tot Ion: 76 Resp: 217762

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.432 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007521.D

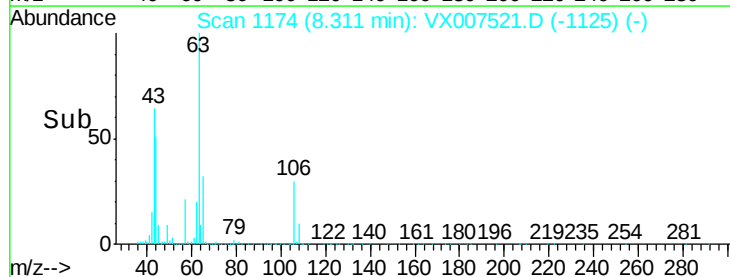
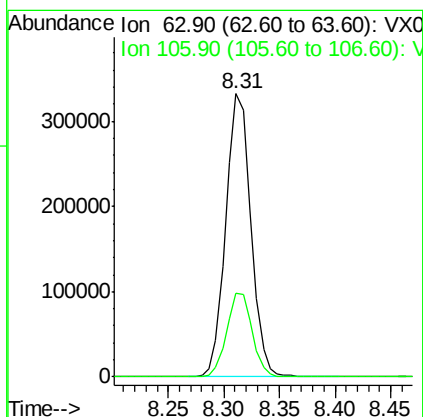
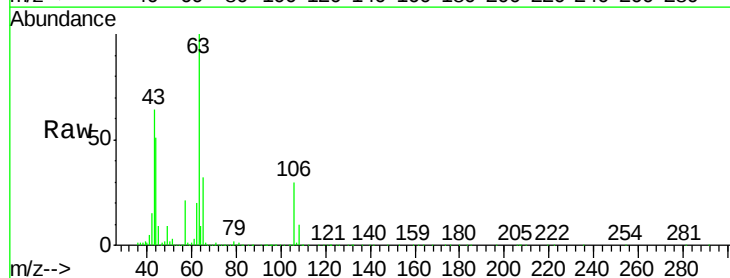
Acq: 13 Feb 2019 15:37

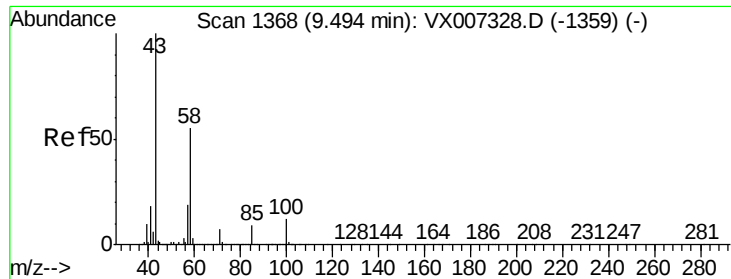
Tgt Ion: 63 Resp: 519544

Ion Ratio Lower Upper

63 100

106 30.1 23.6 35.4

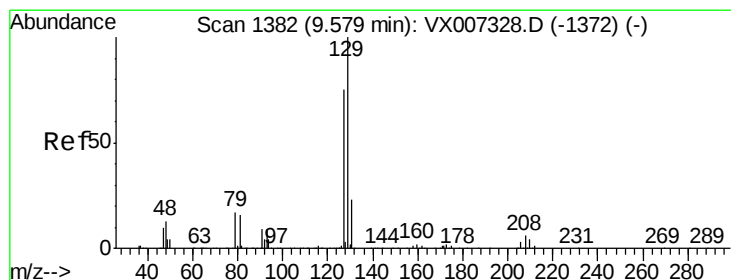
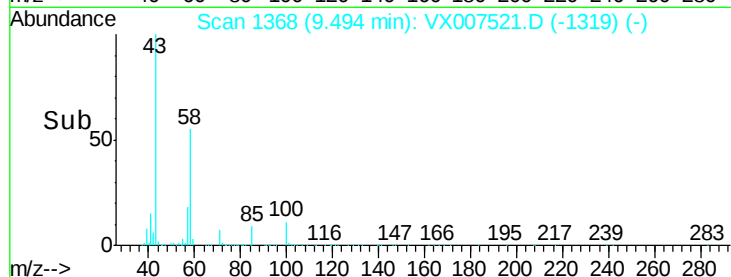
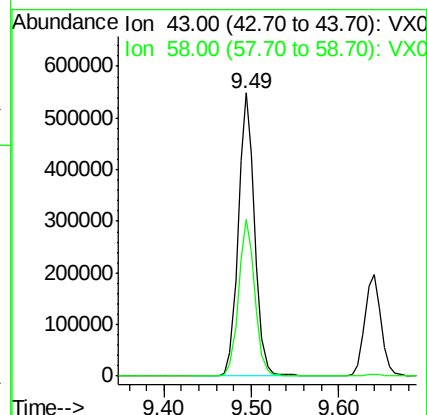
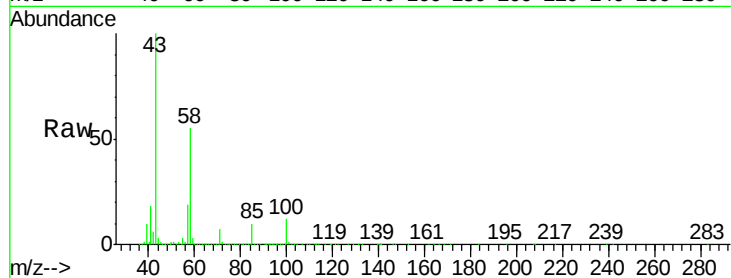




#59
2-Hexanone
Concen: 104.547 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

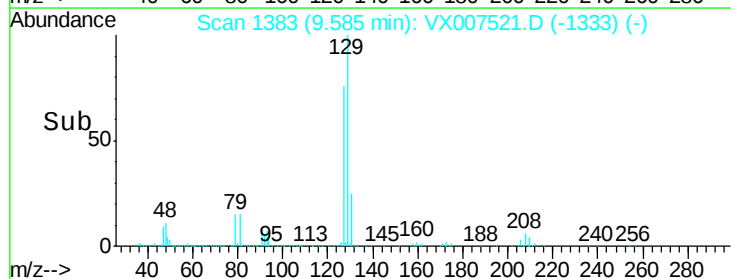
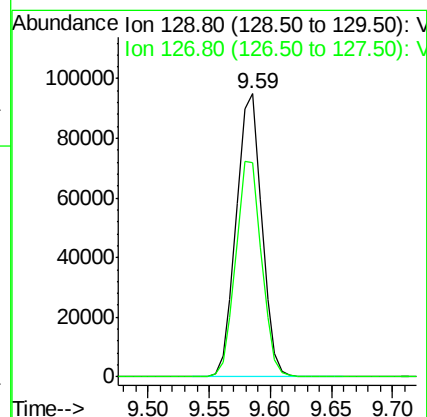
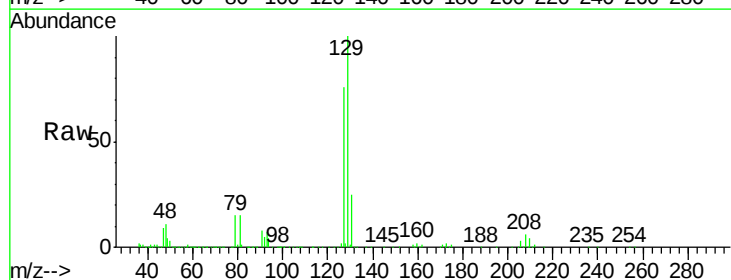
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

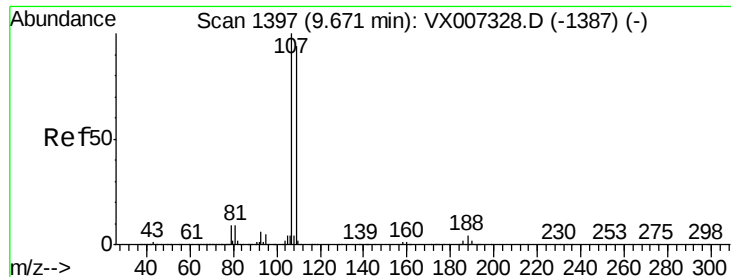
Tot Ion: 43 Resp: 718832
Ion Ratio Lower Upper
43 100
58 55.3 27.1 81.3



#60
Dibromochloromethane
Concen: 21.257 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion: 129 Resp: 137004
Ion Ratio Lower Upper
129 100
127 76.6 37.8 113.4





#61

1,2-Dibromoethane

Concen: 20.106 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

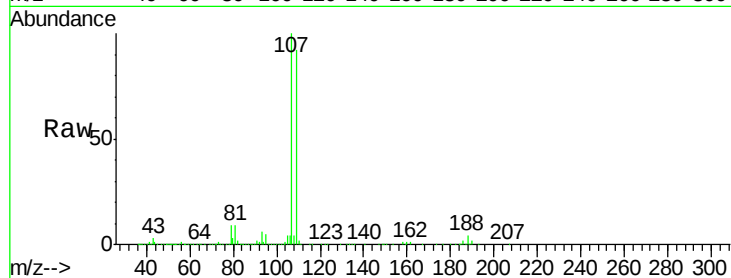
VX0214WBSD01

Tot Ion:107 Resp: 145103

Ion Ratio Lower Upper

107 100

109 94.9 75.1 112.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

120000

100000

80000

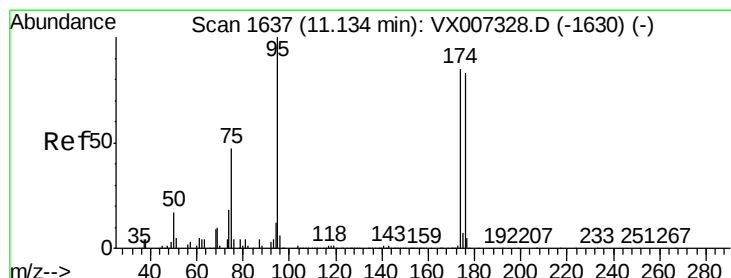
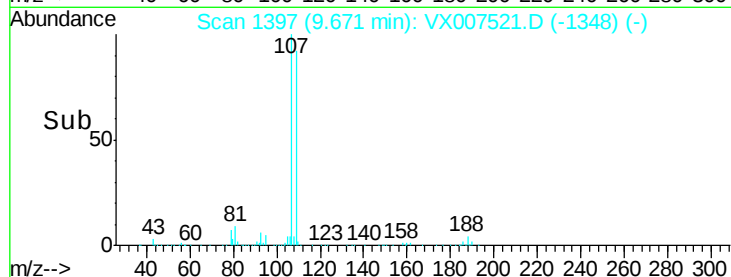
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 53.976 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

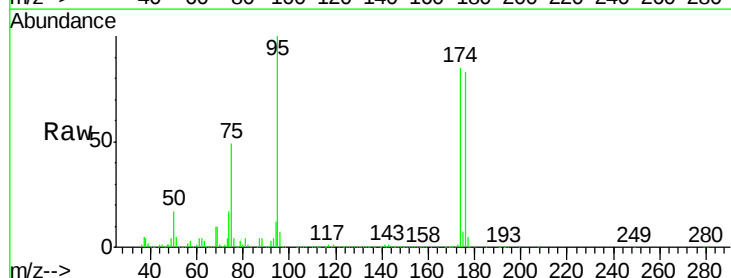
Tgt Ion: 95 Resp: 456101

Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 90.4 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

11.13

500000

400000

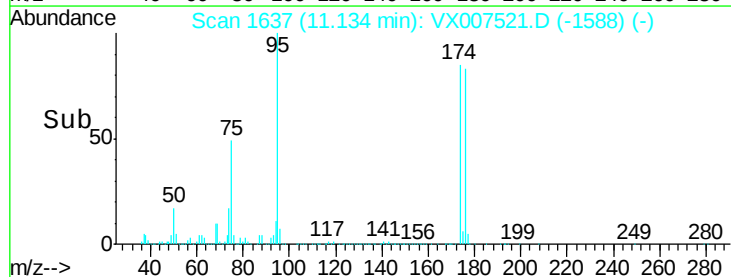
300000

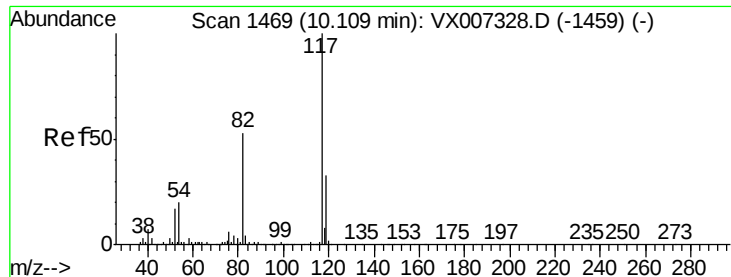
200000

100000

0

Time--> 11.00 11.10 11.20

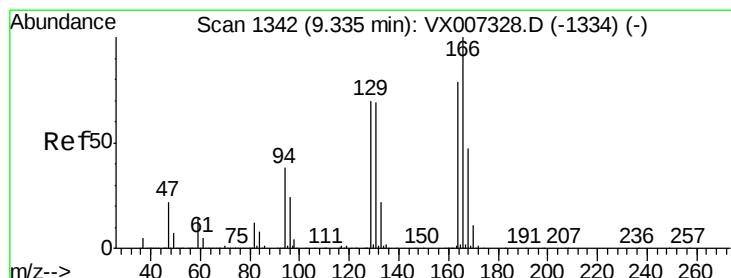
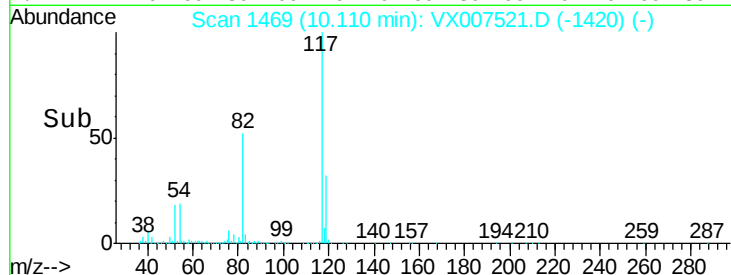
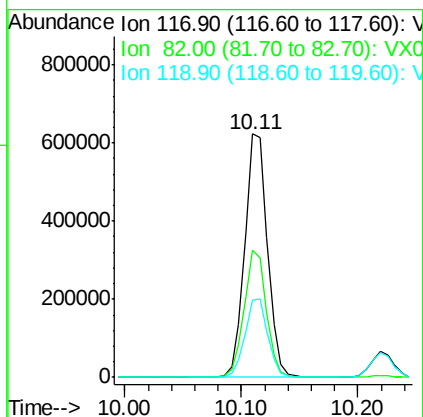
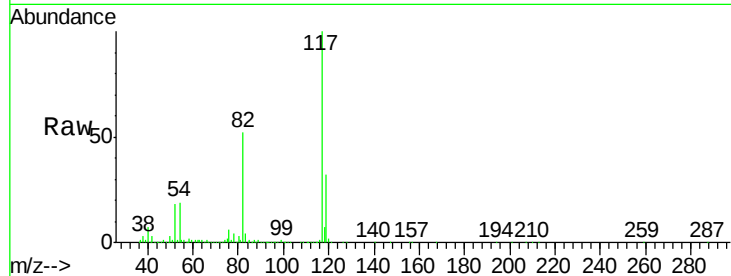




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

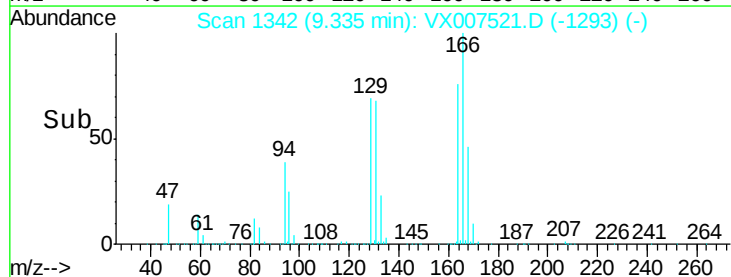
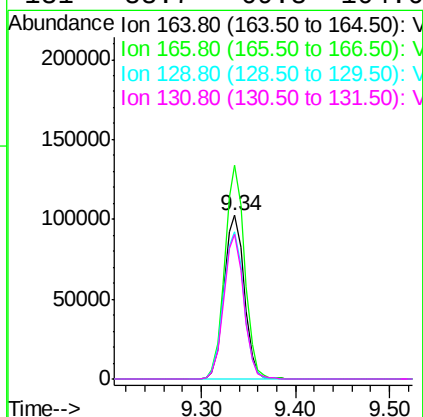
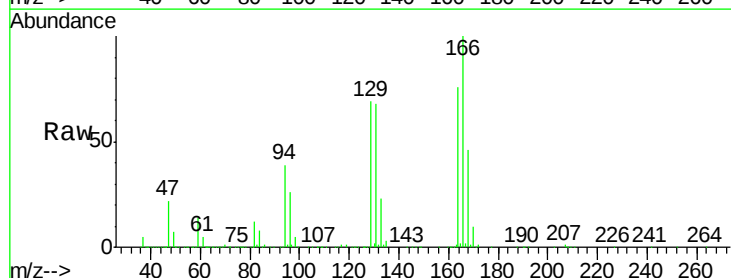
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

Tot Ion:117 Resp: 851174
Ion Ratio Lower Upper
117 100
82 52.3 42.1 63.1
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 19.074 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion:164 Resp: 153021
Ion Ratio Lower Upper
164 100
166 130.7 101.0 151.4
129 89.8 70.5 105.7
131 88.7 69.8 104.6





#65

Chlorobenzene

Concen: 19.350 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

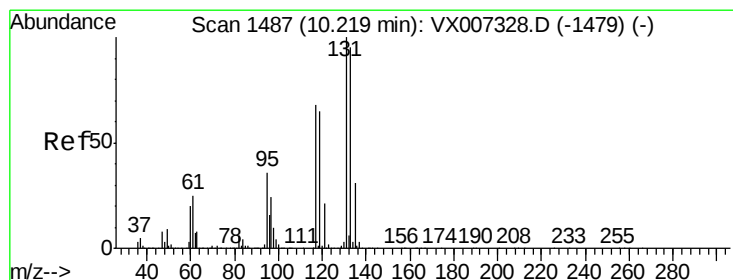
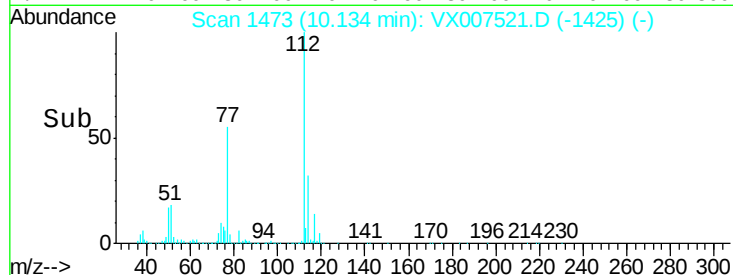
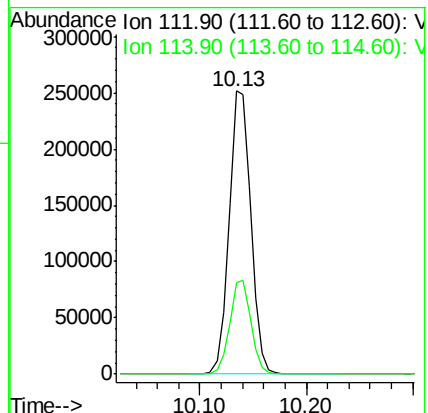
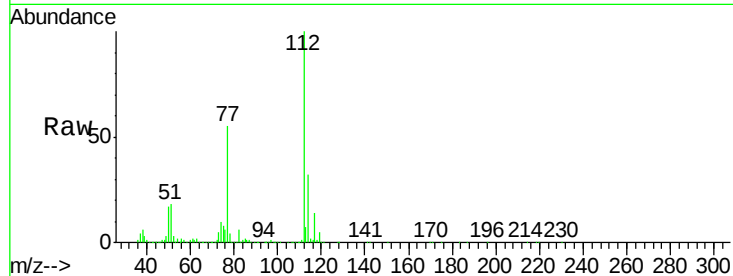
VX0214WBSD01

Tot Ion:112 Resp: 359415

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 21.146 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

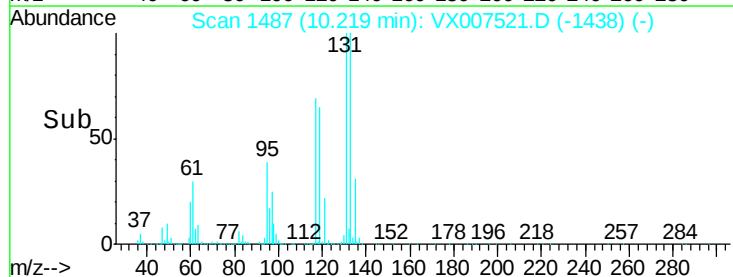
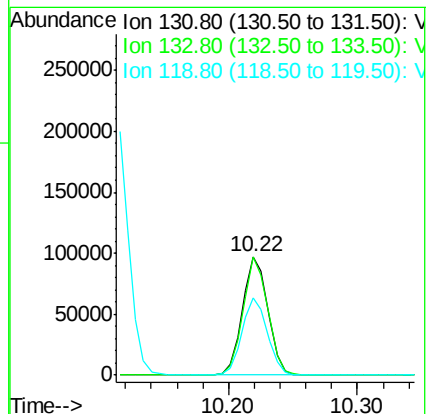
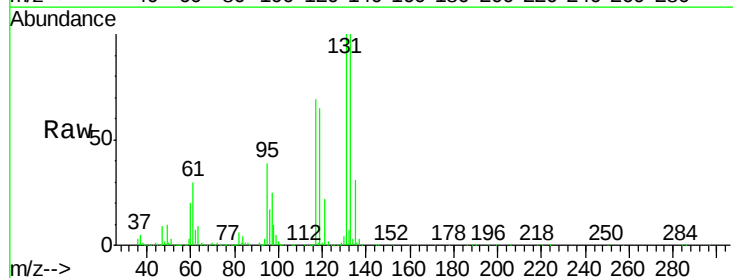
Tgt Ion:131 Resp: 131686

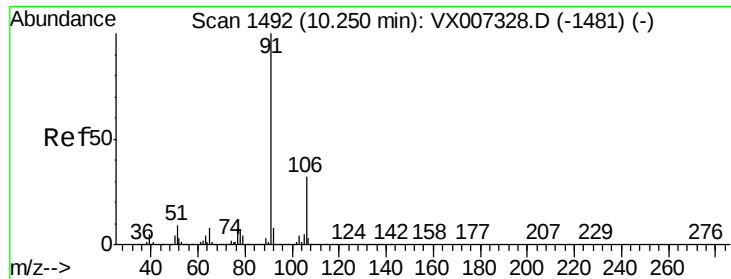
Ion Ratio Lower Upper

131 100

133 97.0 48.0 144.2

119 65.1 32.0 96.0





#67

Ethyl Benzene

Concen: 19.895 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

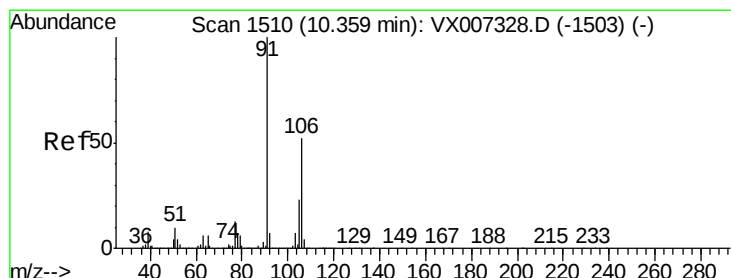
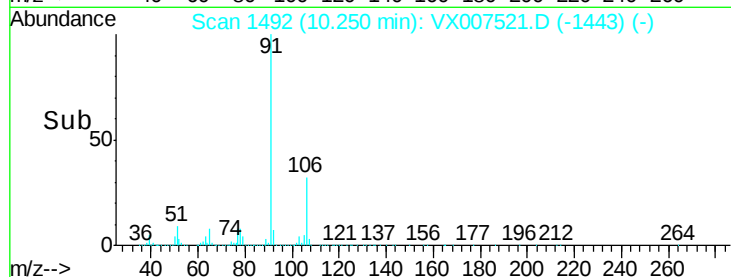
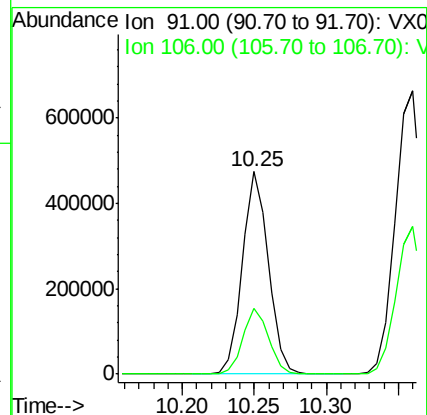
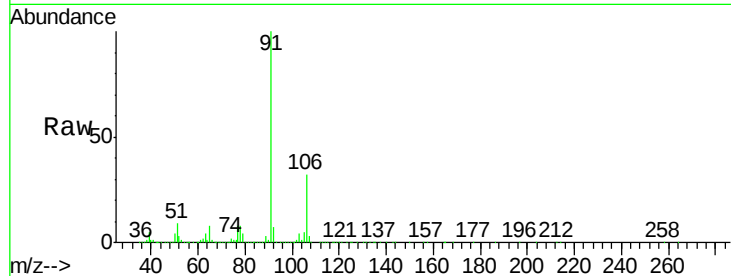
VX0214WBSD01

Tot Ion: 91 Resp: 595091

Ion Ratio Lower Upper

91 100

106 32.2 25.4 38.0



#68

m/p-Xylenes

Concen: 38.749 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007521.D

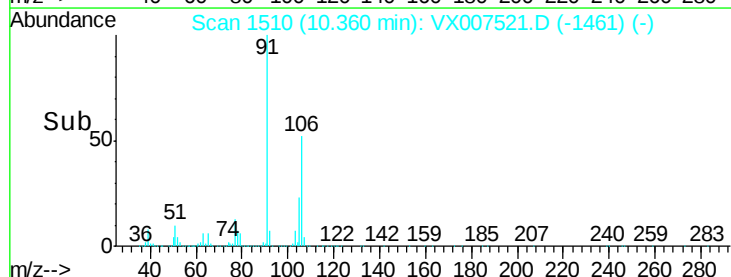
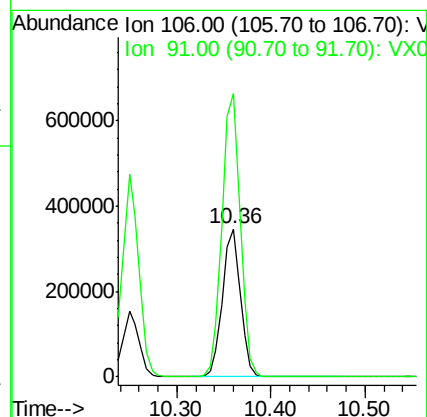
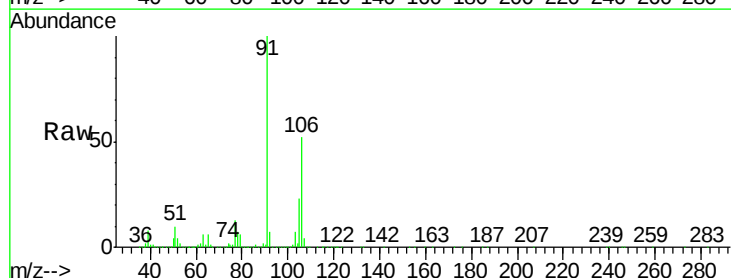
Acq: 13 Feb 2019 15:37

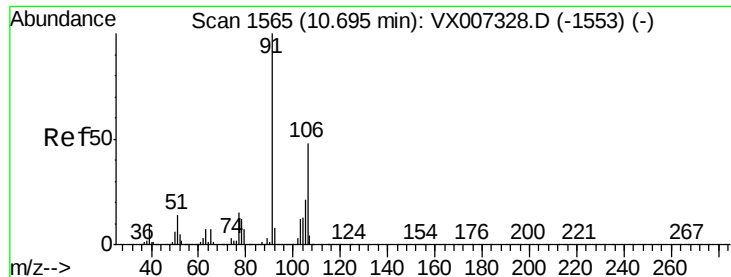
Tgt Ion: 106 Resp: 460733

Ion Ratio Lower Upper

106 100

91 195.0 156.6 234.8

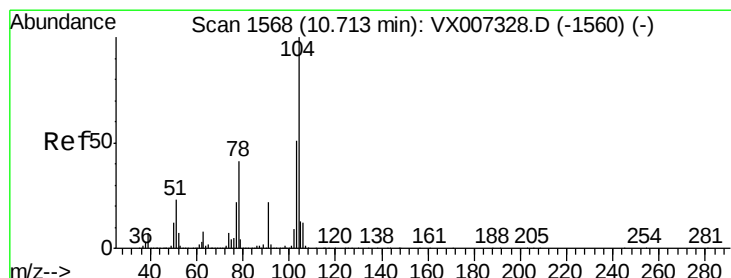
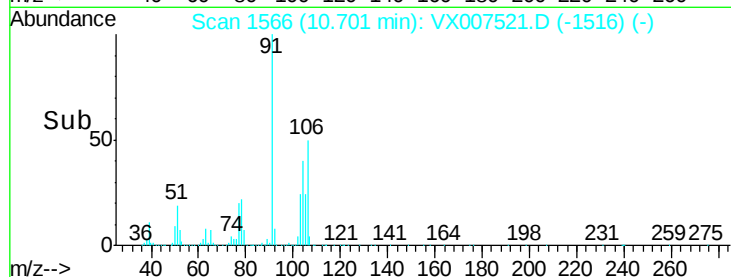
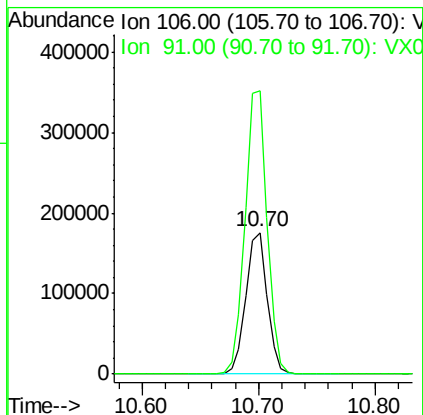
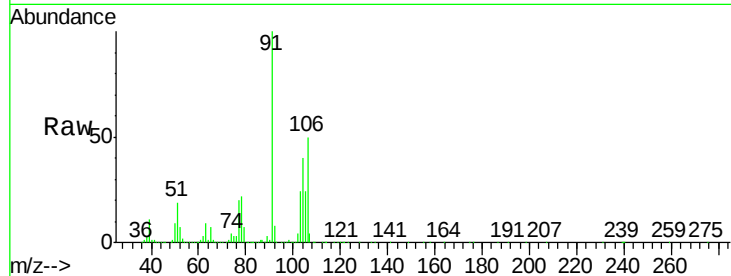




#69
o-Xylene
Concen: 19.950 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

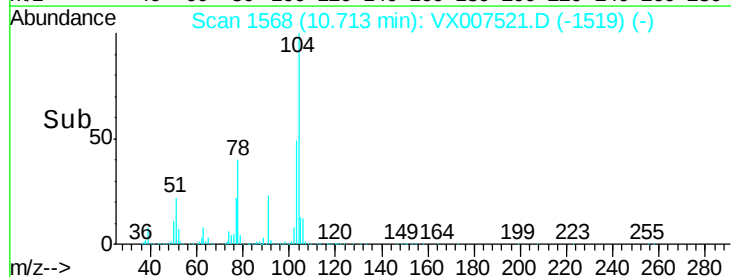
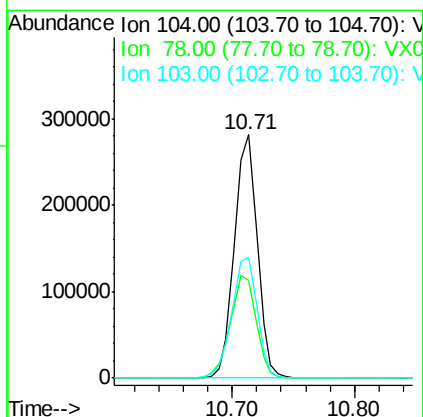
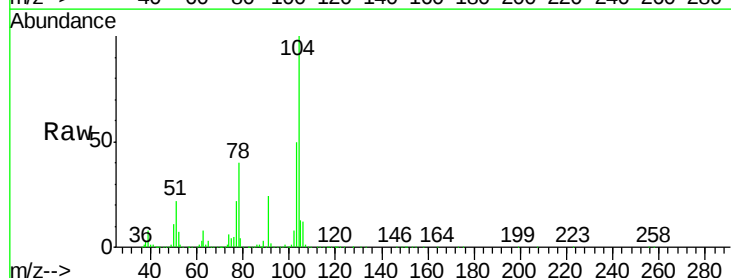
Instrument :
MSVOA_X
ClientSampleId :
VX0214WBSD01

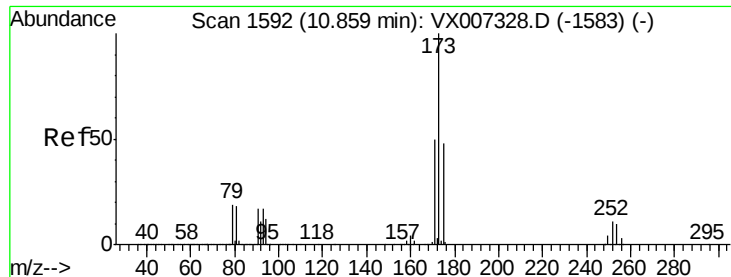
Tot Ion:106 Resp: 228252
Ion Ratio Lower Upper
106 100
91 204.6 102.9 308.7



#70
Styrene
Concen: 19.619 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007521.D
Acq: 13 Feb 2019 15:37

Tgt Ion:104 Resp: 364028
Ion Ratio Lower Upper
104 100
78 47.9 38.3 57.5
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.605 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

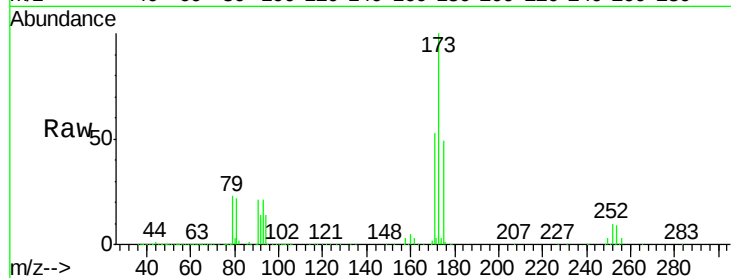
Tot Ion:173 Resp: 98467

Ion Ratio Lower Upper

173 100

175 49.0 24.2 72.6

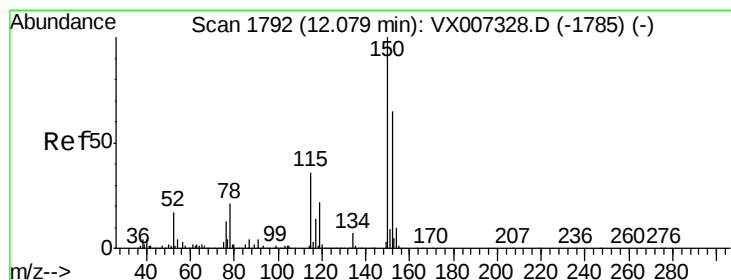
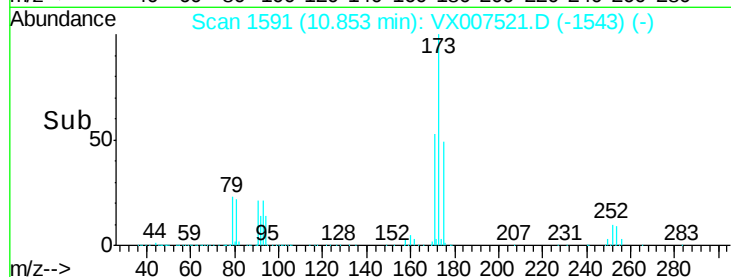
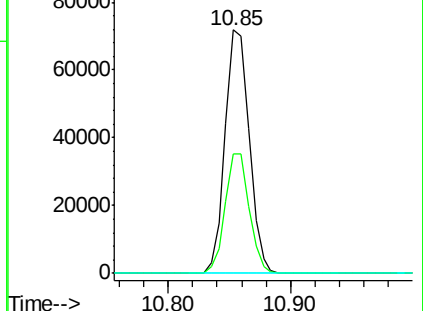
254 0.1 0.2 0.2#



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: VX007521.D

Acq: 13 Feb 2019 15:37

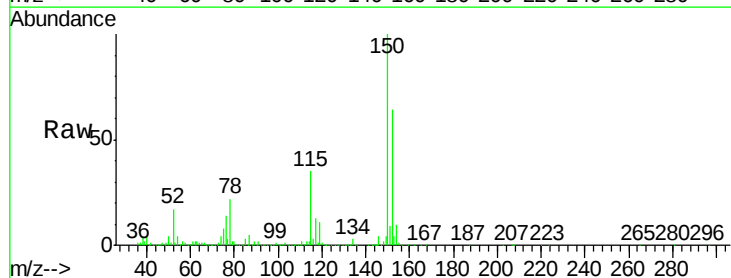
Tgt Ion:152 Resp: 429072

Ion Ratio Lower Upper

152 100

115 63.7 38.0 114.0

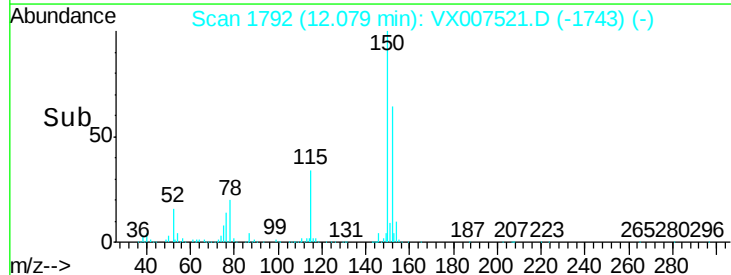
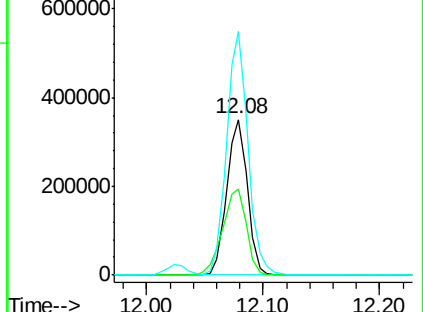
150 162.2 0.0 346.4

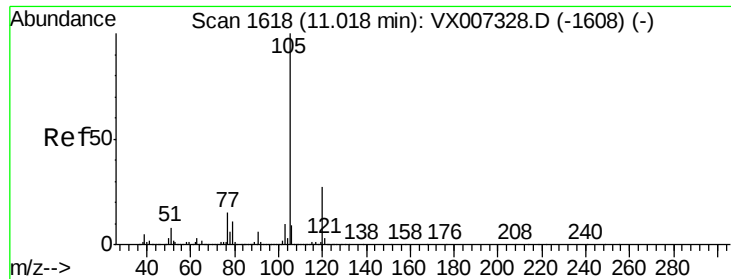


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.774 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

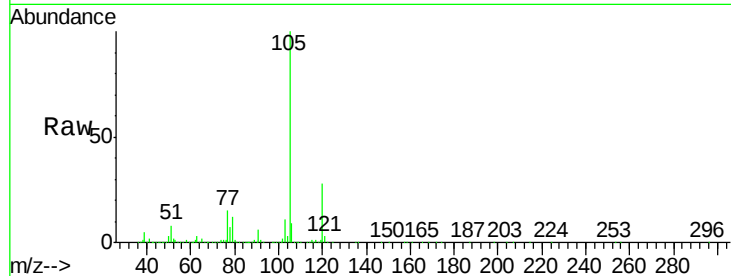
VX0214WBSD01

Tot Ion:105 Resp: 605725

Ion Ratio Lower Upper

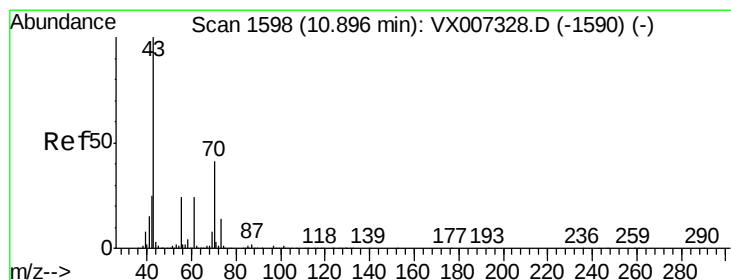
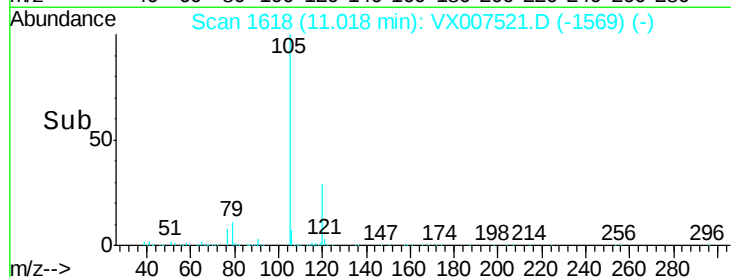
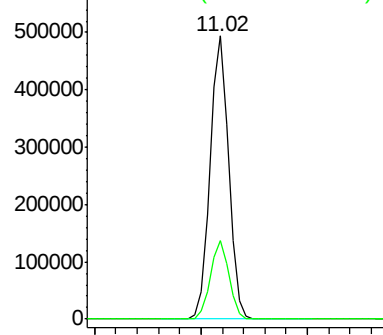
105 100

120 27.6 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: 21.608 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Tgt Ion: 43 Resp: 243695

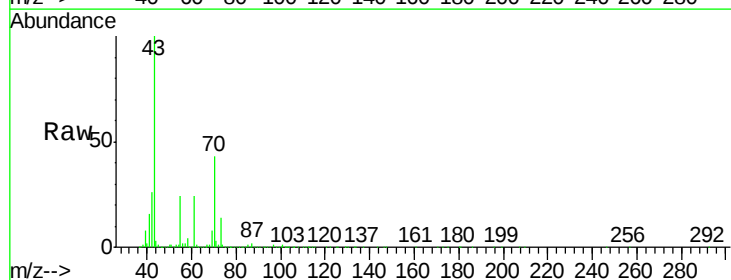
Ion Ratio Lower Upper

43 100

70 43.3 33.8 50.6

55 24.0 19.5 29.3

61 24.5 19.4 29.2

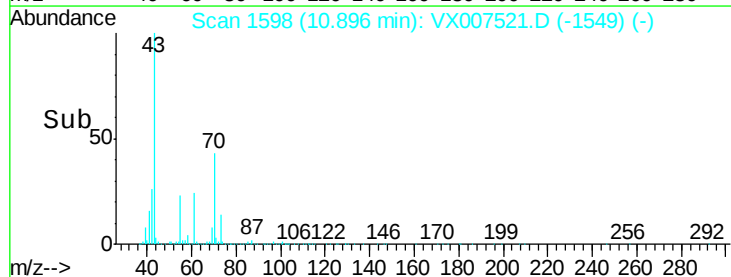
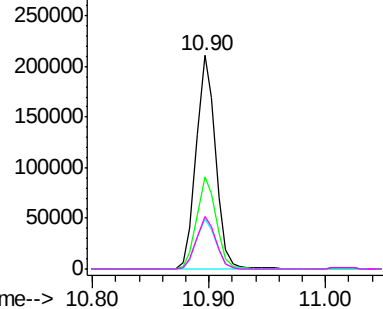


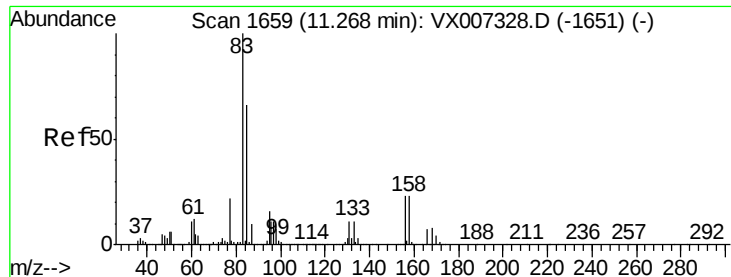
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.336 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

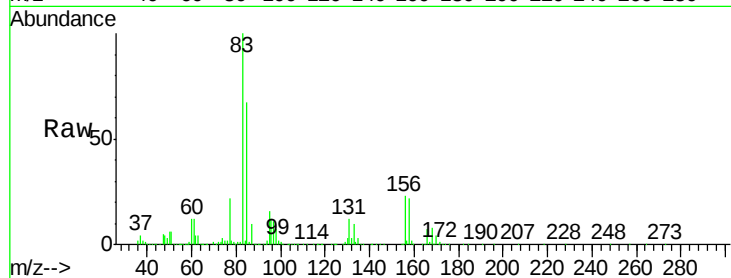
Tot Ion: 83 Resp: 198479

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

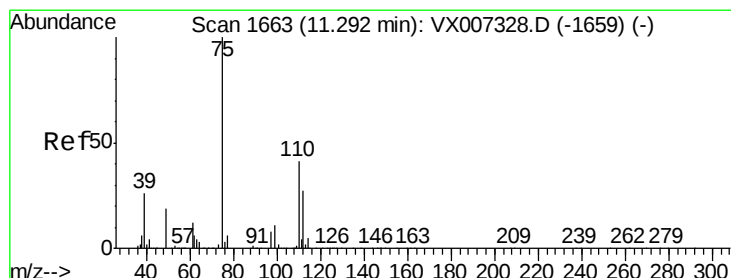
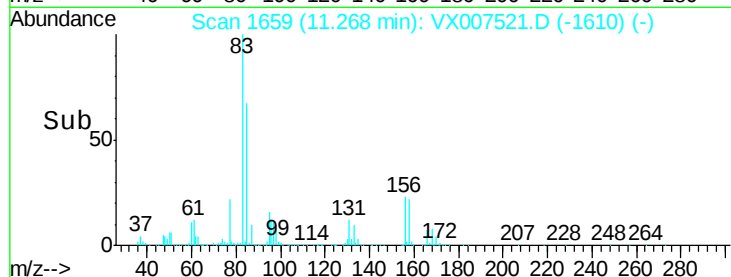
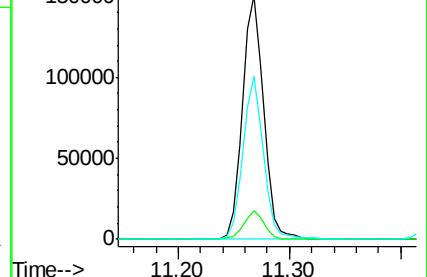
85 64.8 32.8 98.3



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: 26.167 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.01 min

Lab File: VX007521.D

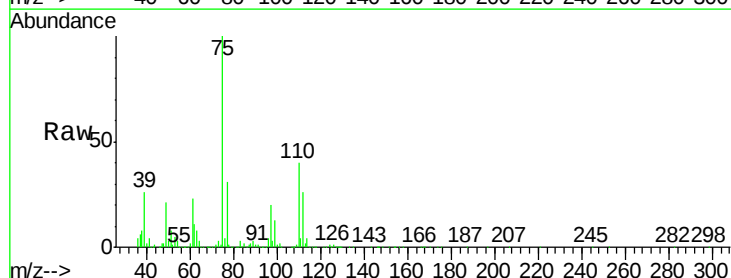
Acq: 13 Feb 2019 15:37

Tgt Ion: 75 Resp: 218389

Ion Ratio Lower Upper

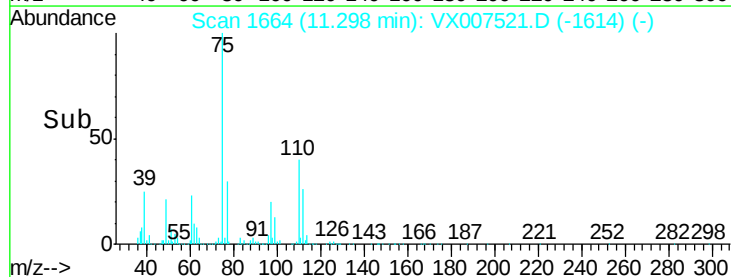
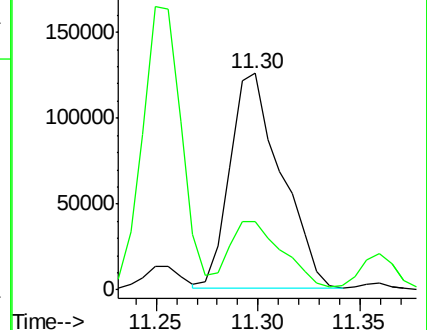
75 100

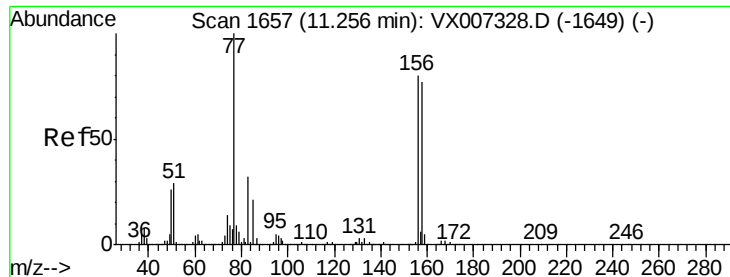
77 33.9 23.0 69.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.130 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

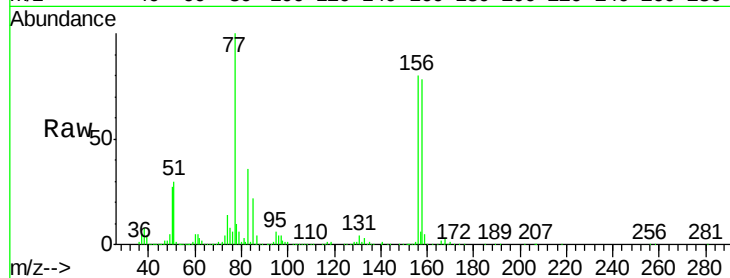
Tot Ion:156 Resp: 165378

Ion Ratio Lower Upper

156 100

77 132.4 66.8 200.6

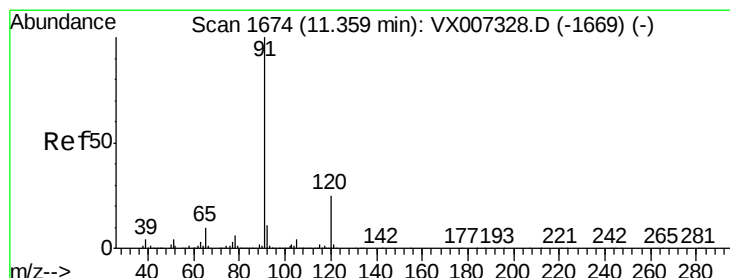
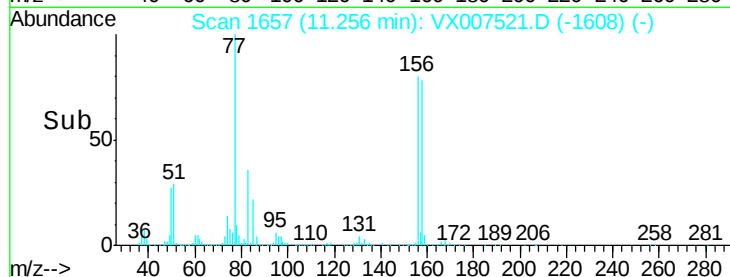
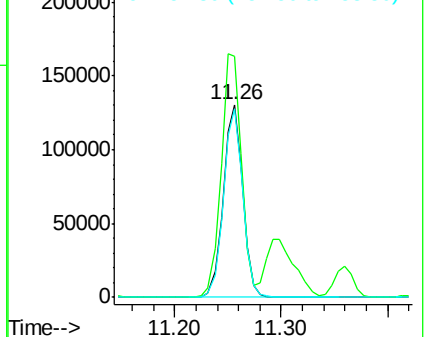
158 97.1 47.9 143.8



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: 20.729 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007521.D

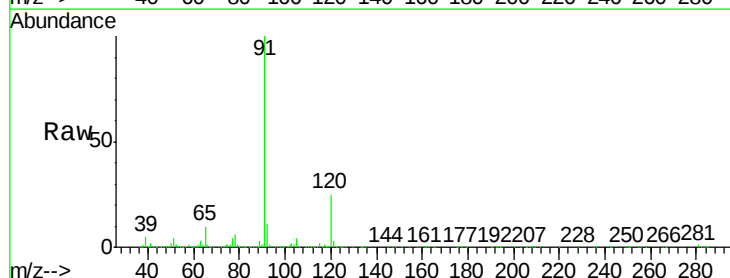
Acq: 13 Feb 2019 15:37

Tgt Ion: 91 Resp: 662761

Ion Ratio Lower Upper

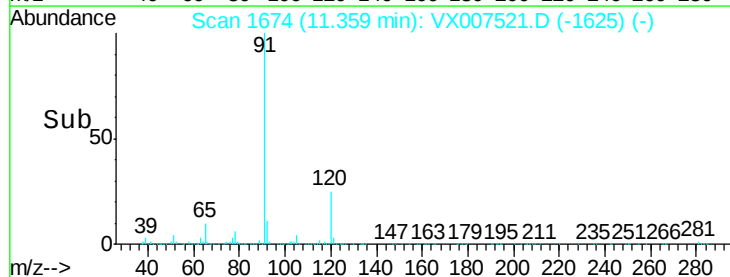
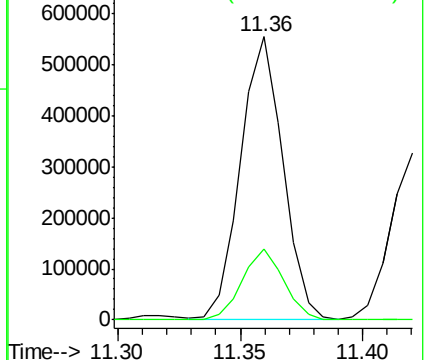
91 100

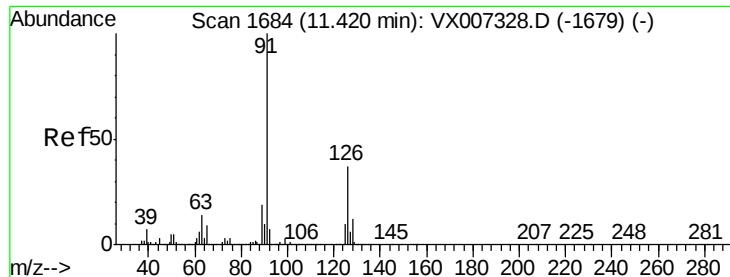
120 24.8 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.172 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

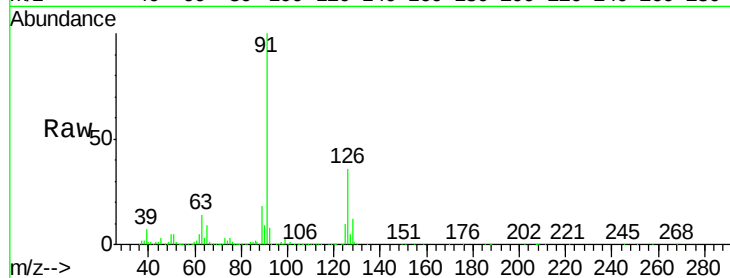
VX0214WBSD01

Tot Ion: 91 Resp: 391350

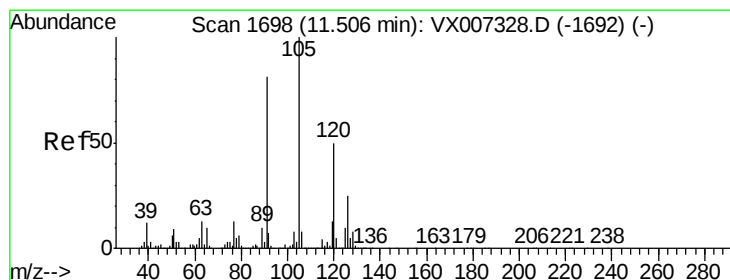
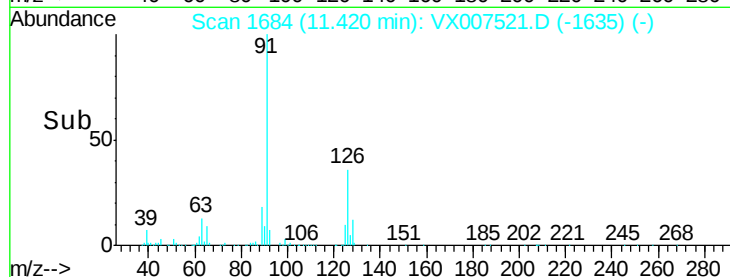
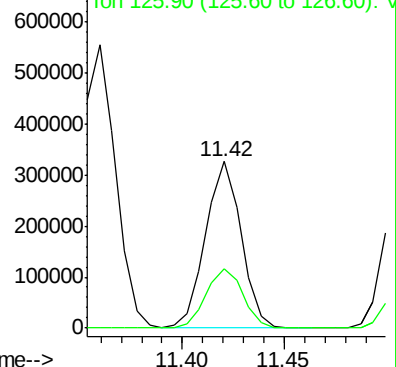
Ion Ratio Lower Upper

91 100

126 37.2 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX007328.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.683 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007521.D

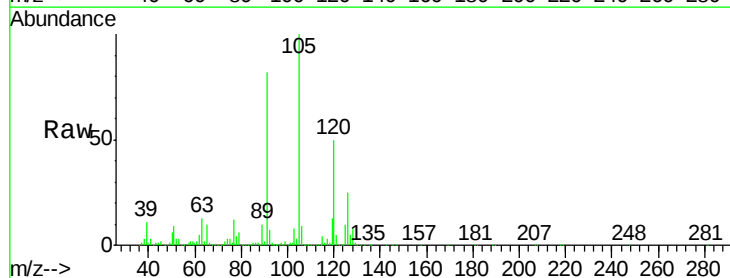
Acq: 13 Feb 2019 15:37

Tgt Ion: 105 Resp: 493374

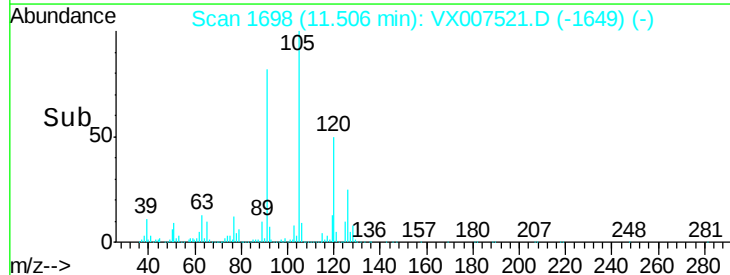
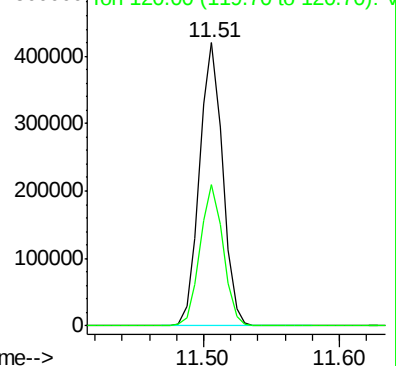
Ion Ratio Lower Upper

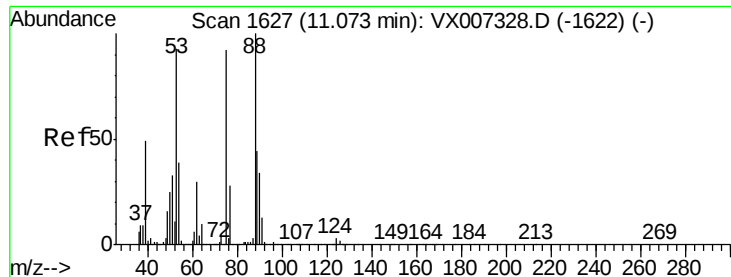
105 100

120 49.8 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): VX007328.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 22.208 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

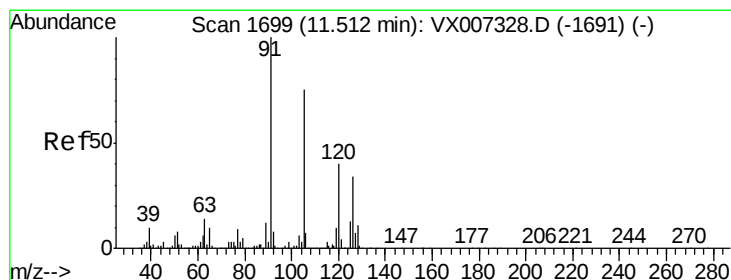
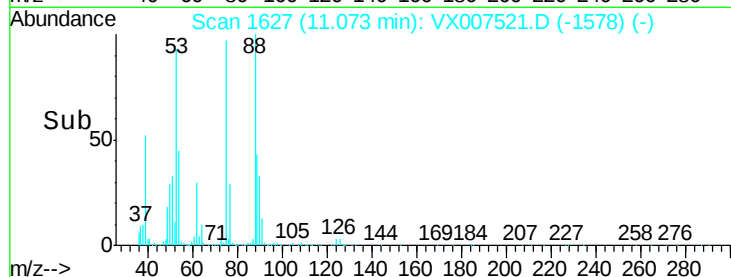
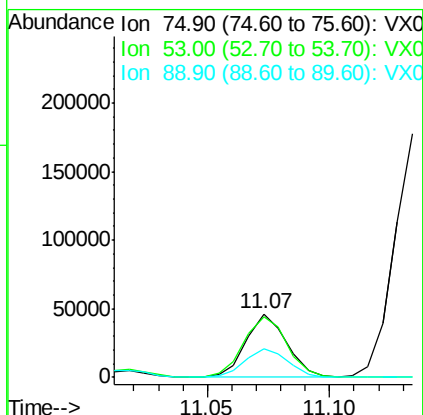
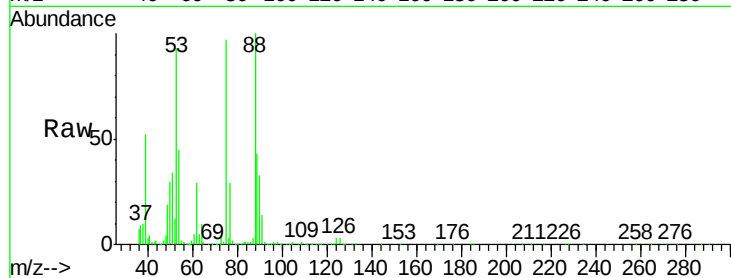
Tot Ion: 75 Resp: 53032

Ion Ratio Lower Upper

75 100

53 102.5 81.0 121.6

89 49.0 41.4 62.0



#82

4-Chlorotoluene

Concen: 20.271 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007521.D

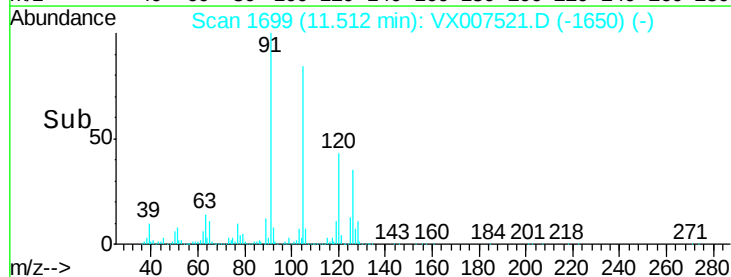
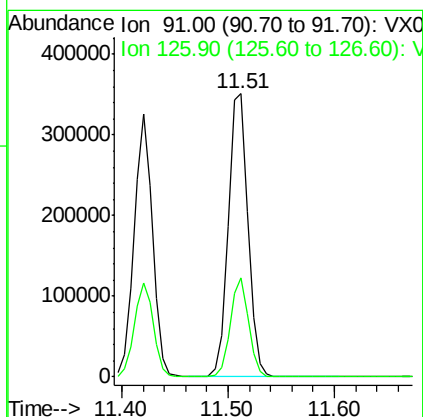
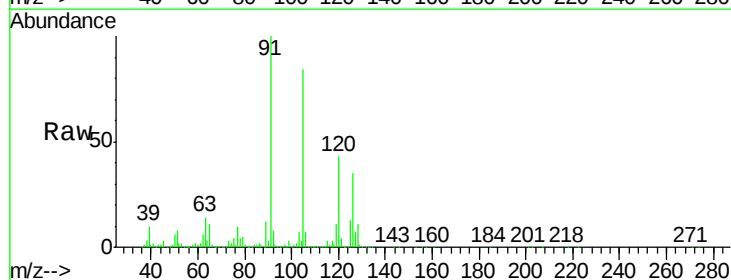
Acq: 13 Feb 2019 15:37

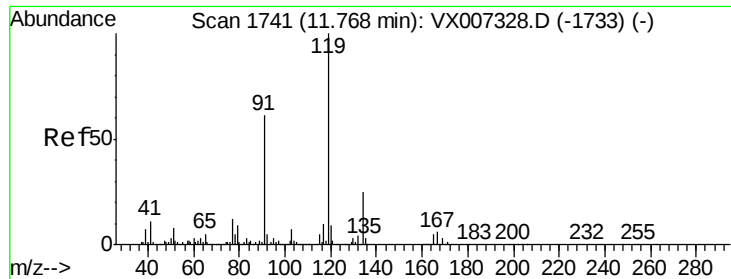
Tgt Ion: 91 Resp: 455059

Ion Ratio Lower Upper

91 100

126 32.5 16.2 48.5





#83

tert-Butylbenzene

Concen: 20.907 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

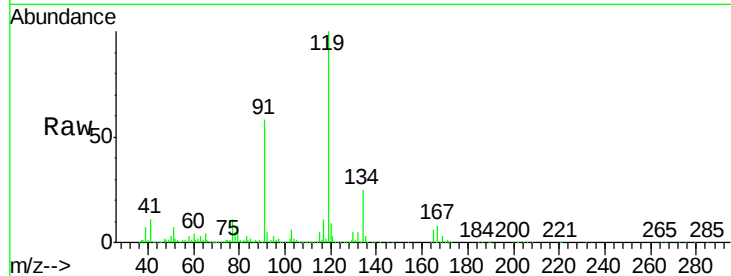
Tot Ion:119 Resp: 493777

Ion Ratio Lower Upper

119 100

91 55.2 28.5 85.6

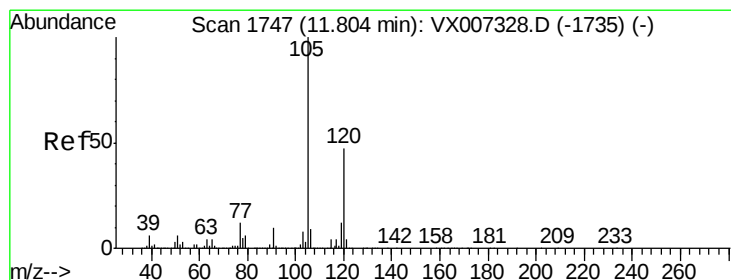
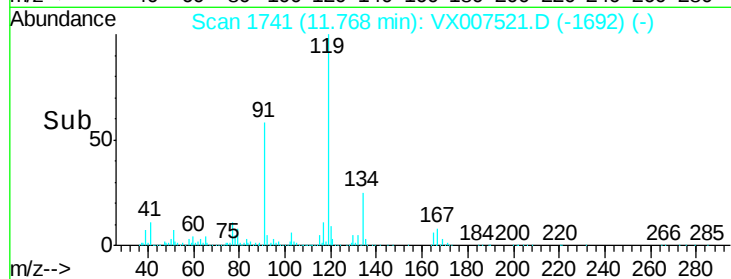
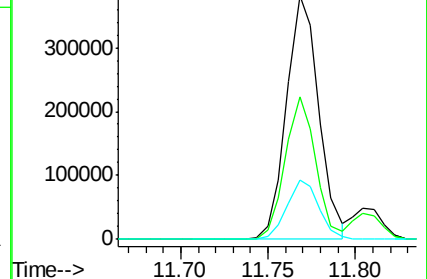
134 24.2 12.0 36.0



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: 20.658 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007521.D

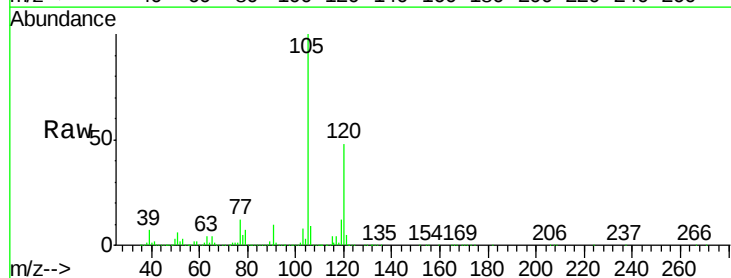
Acq: 13 Feb 2019 15:37

Tgt Ion:105 Resp: 500291

Ion Ratio Lower Upper

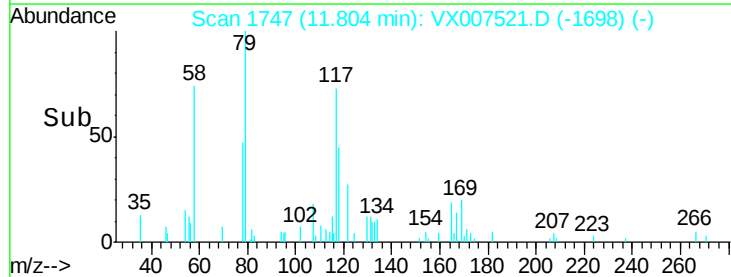
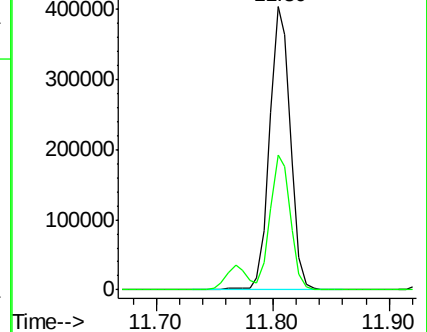
105 100

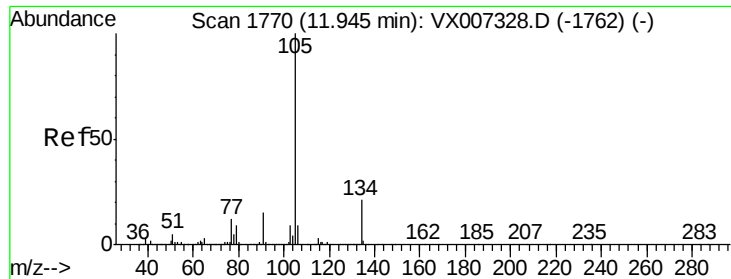
120 46.6 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.945 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

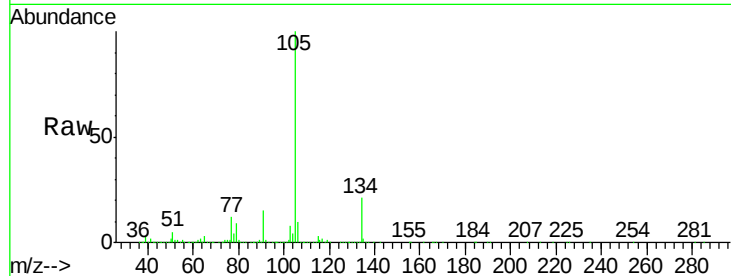
VX0214WBSD01

Tot Ion:105 Resp: 598706

Ion Ratio Lower Upper

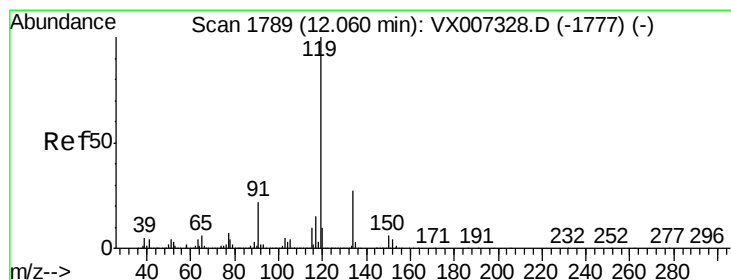
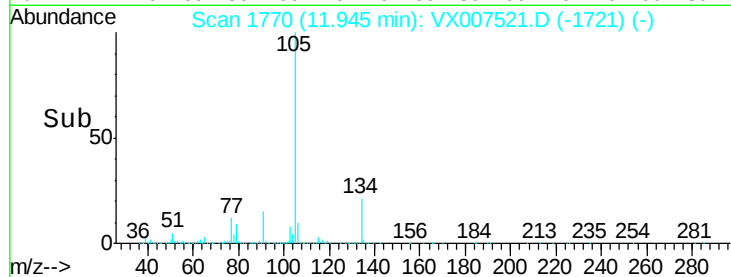
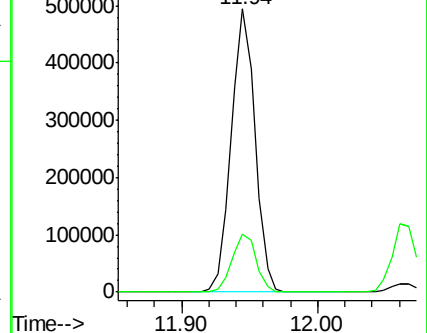
105 100

134 21.0 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: 20.868 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

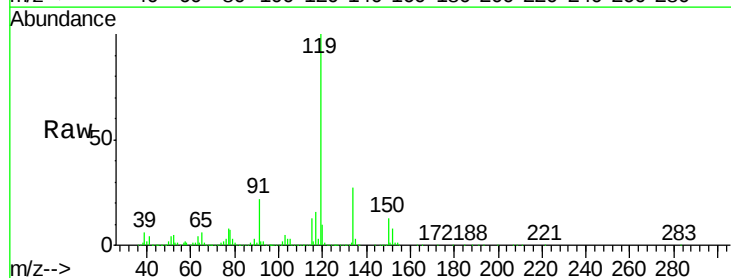
Tgt Ion:119 Resp: 538470

Ion Ratio Lower Upper

119 100

134 27.1 13.7 41.1

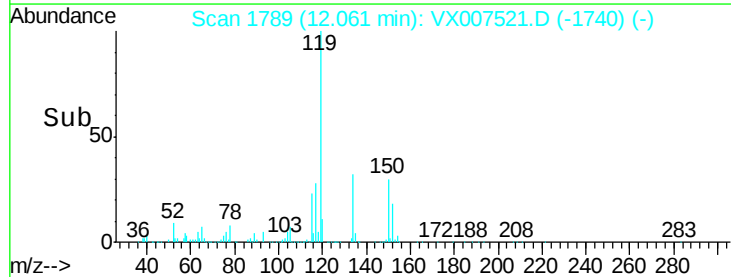
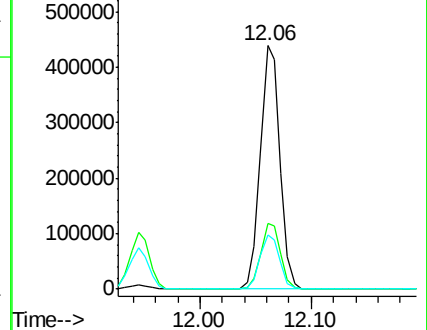
91 22.5 11.2 33.5



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): V

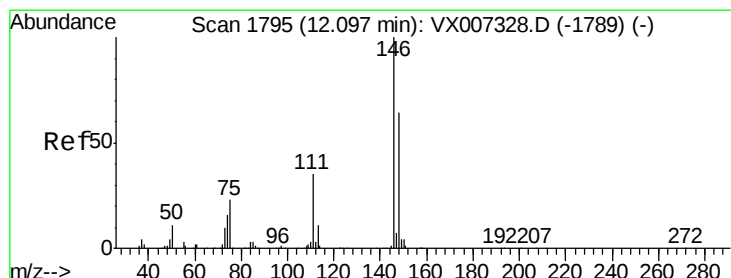
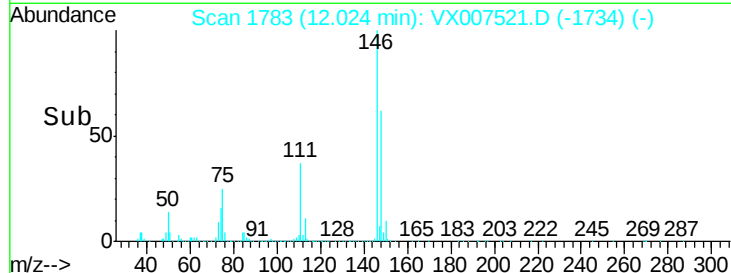
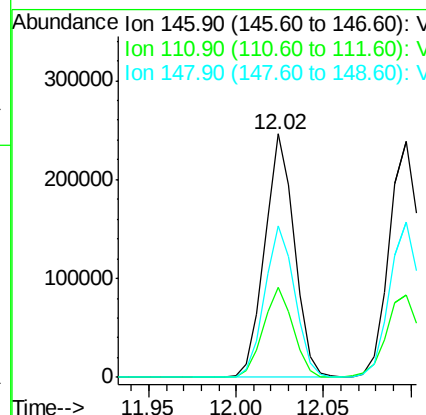
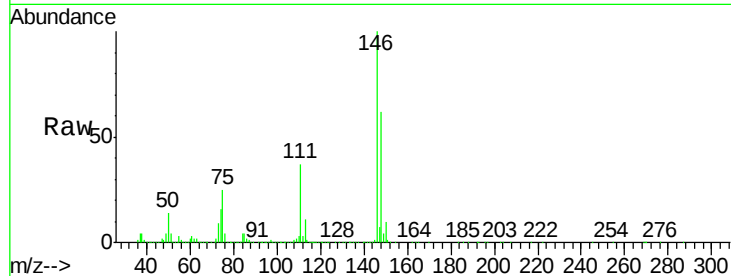




#87
 1,3-Dichlorobenzene
 Concen: 19.633 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

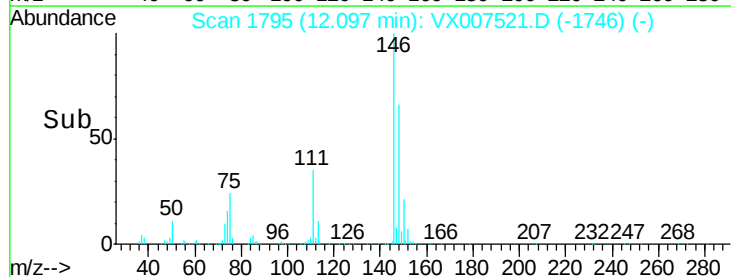
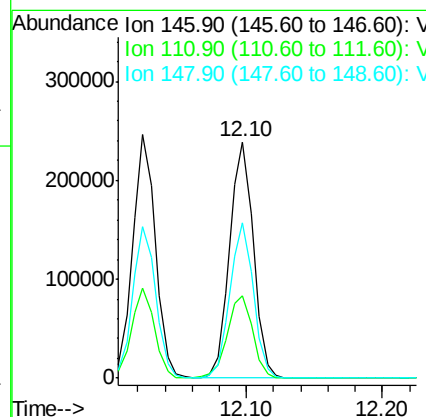
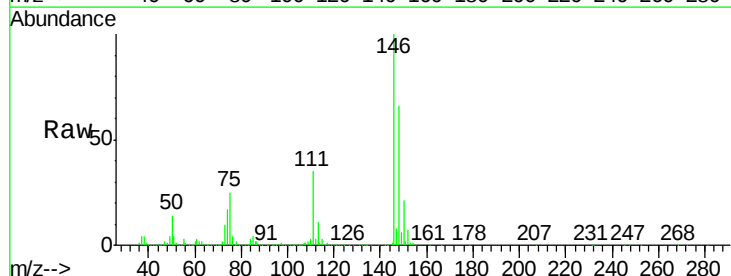
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

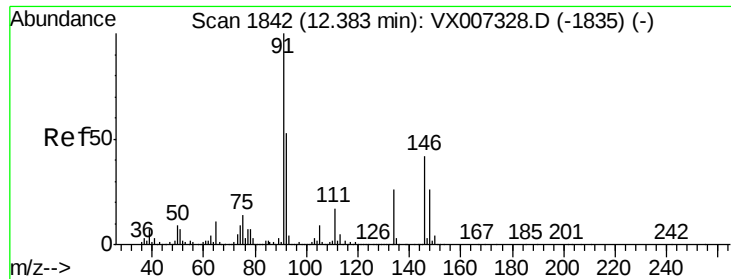
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.1	54.1
148	63.4	32.0	96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.355 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.1
148	65.1	32.3	96.9





#89

n-Butylbenzene

Concen: 20.122 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

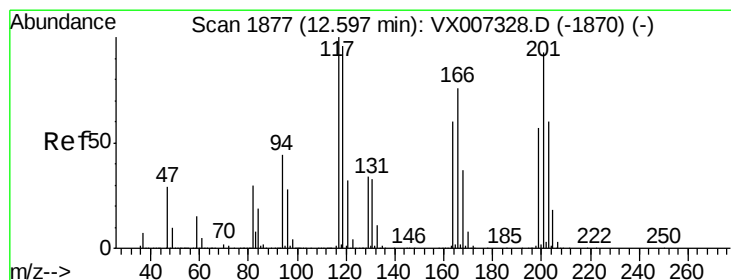
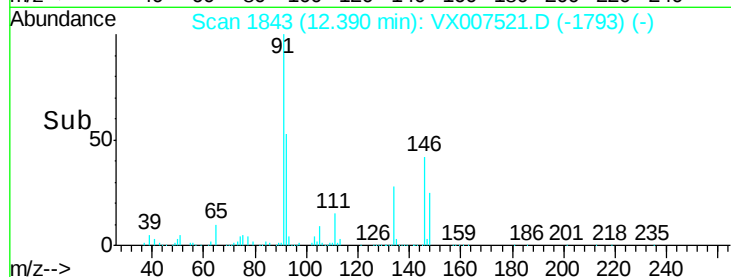
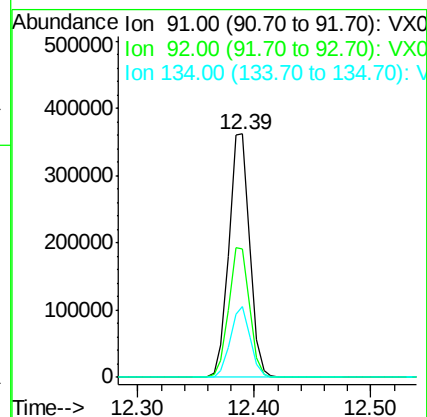
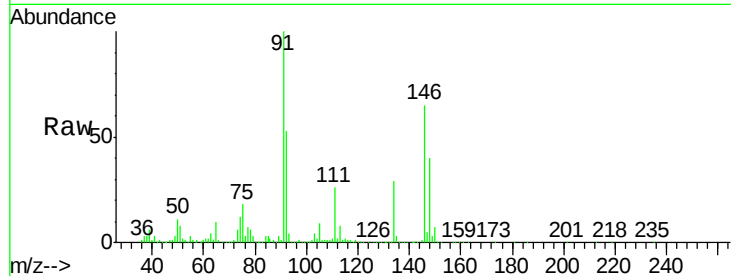
Tot Ion: 91 Resp: 446649

Ion Ratio Lower Upper

91 100

92 53.6 26.3 78.9

134 27.9 13.9 41.6



#90

Hexachloroethane

Concen: 21.921 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007521.D

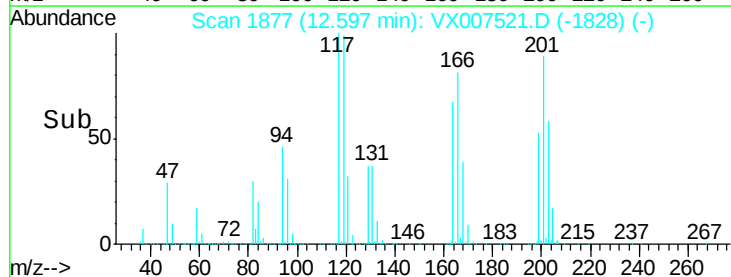
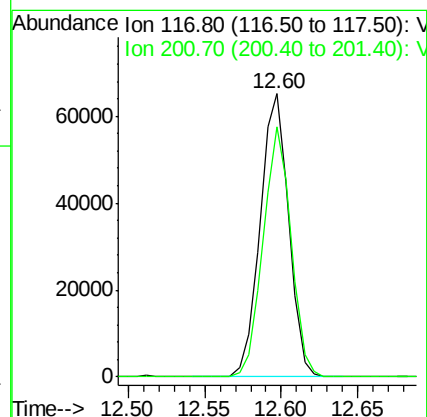
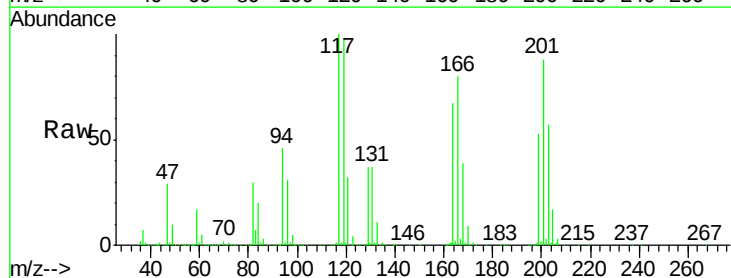
Acq: 13 Feb 2019 15:37

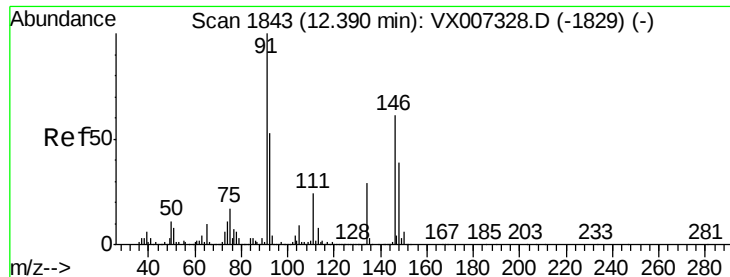
Tgt Ion: 117 Resp: 84655

Ion Ratio Lower Upper

117 100

201 86.6 44.9 134.7





#91

1,2-Dichlorobenzene

Concen: 19.739 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

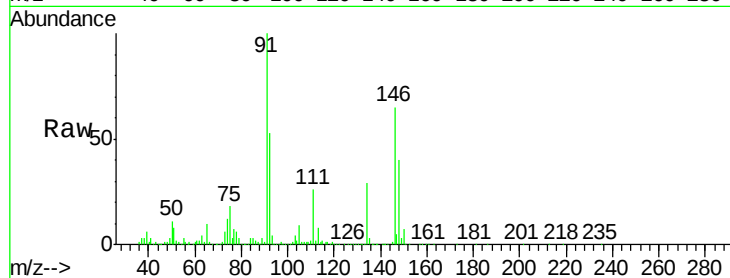
Tot Ion:146 Resp: 289634

Ion Ratio Lower Upper

146 100

111 38.5 19.1 57.3

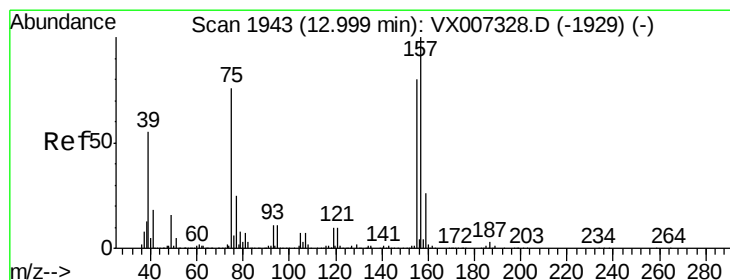
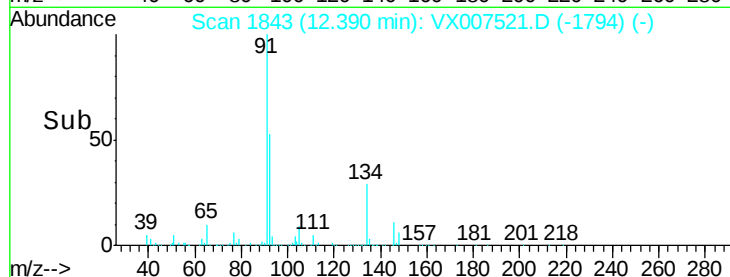
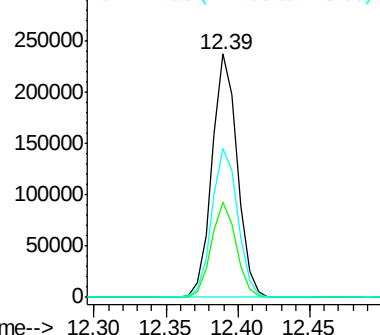
148 62.6 32.1 96.3



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: 22.497 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

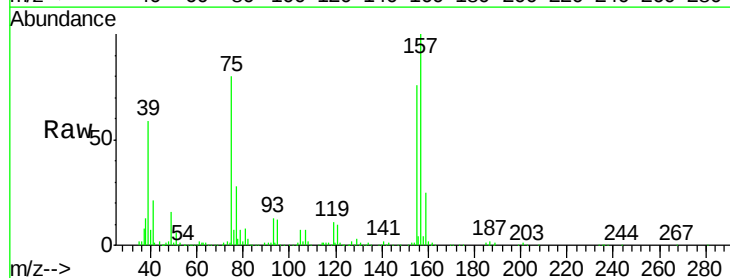
Tgt Ion: 75 Resp: 41568

Ion Ratio Lower Upper

75 100

155 99.8 49.6 149.0

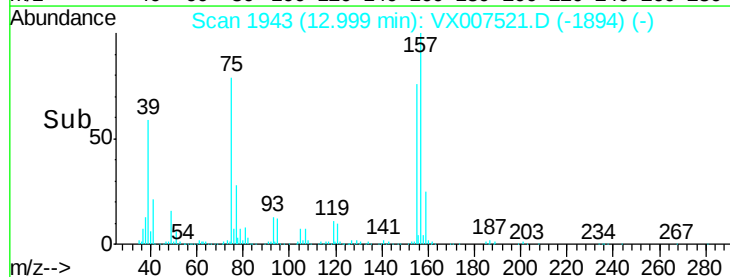
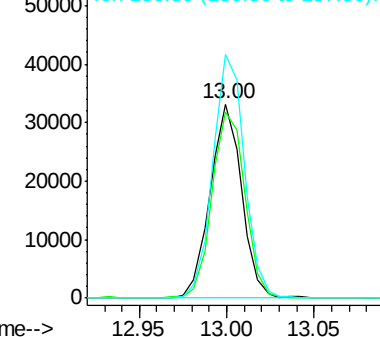
157 126.4 65.1 195.3

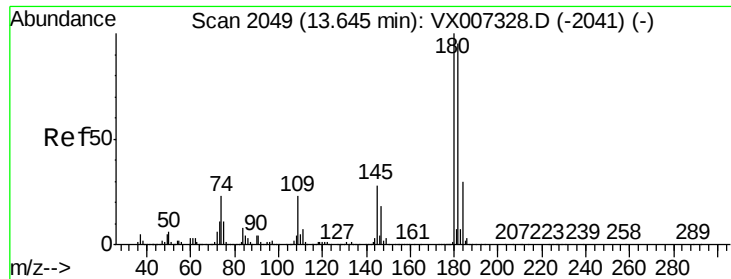


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

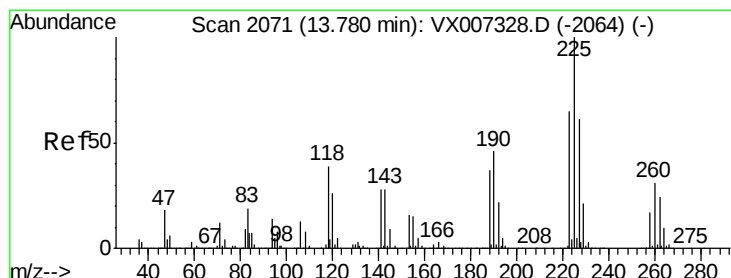
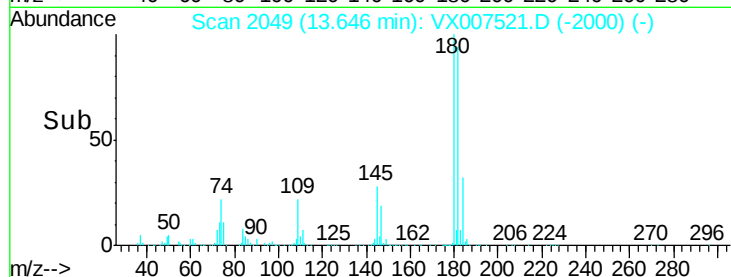
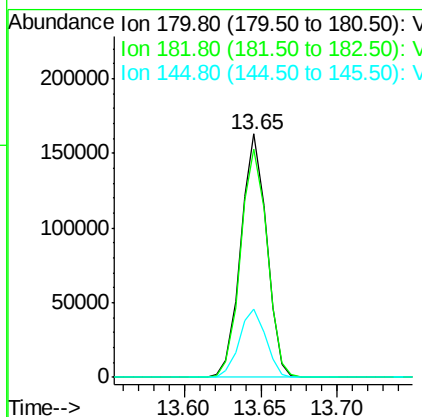
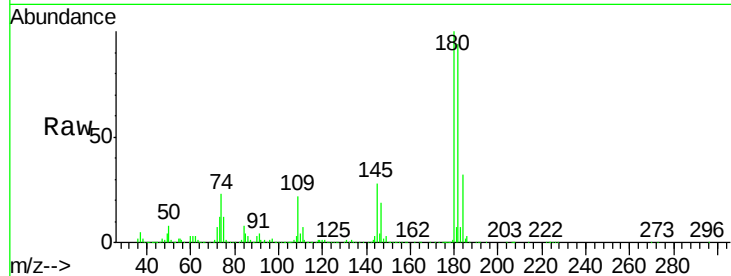




#93
 1,2,4-Trichlorobenzene
 Concen: 19.290 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

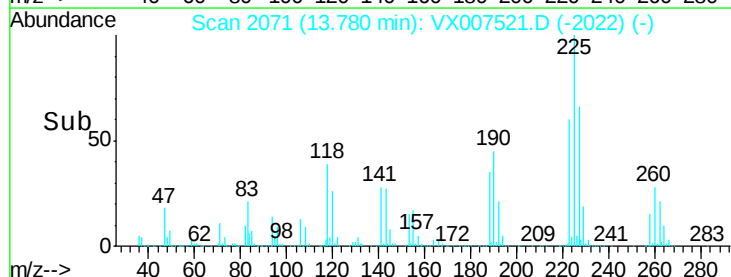
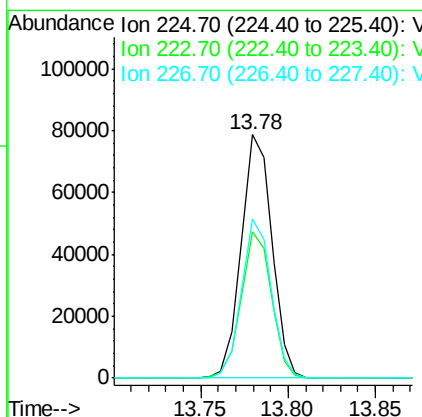
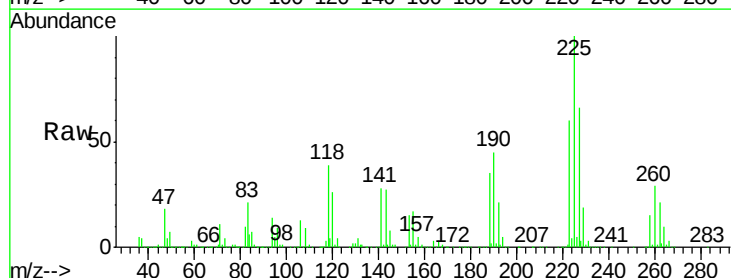
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0214WBSD01

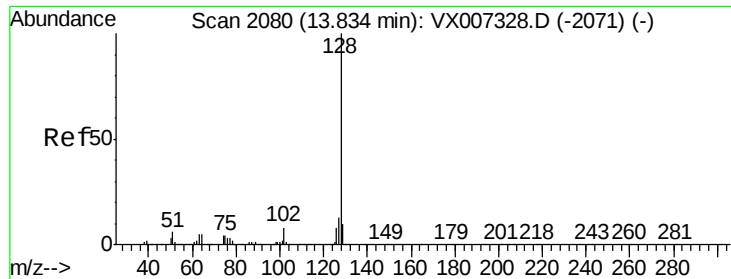
Tot Ion:180 Resp: 190880
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.8 143.3
 145 29.0 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.080 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007521.D
 Acq: 13 Feb 2019 15:37

Tgt Ion:225 Resp: 96481
 Ion Ratio Lower Upper
 225 100
 223 59.2 31.6 94.8
 227 63.5 32.1 96.3





#95

Naphthalene

Concen: 21.374 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

VX0214WBSD01

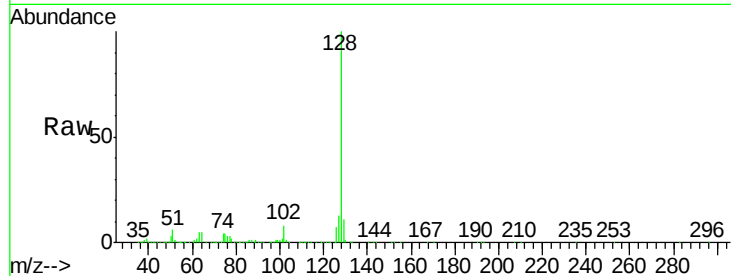
Tot Ion:128 Resp: 618501

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

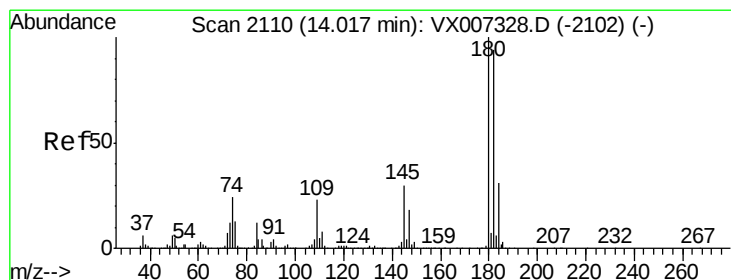
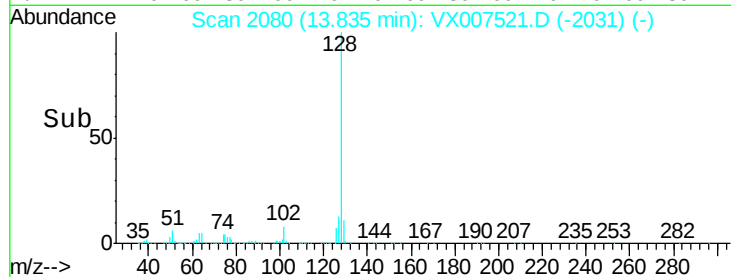
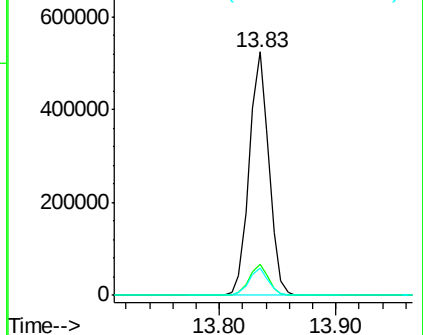
129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.293 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007521.D

Acq: 13 Feb 2019 15:37

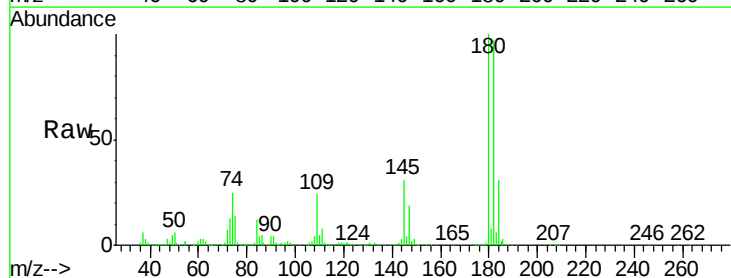
Tgt Ion:180 Resp: 192163

Ion Ratio Lower Upper

180 100

182 97.0 47.5 142.6

145 31.2 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

