

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022819\
 Data File : VX007766.D
 Acq On : 28 Feb 2019 15:05
 Operator : JC/SP
 Sample : VX0228WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

Quant Time: Mar 01 01:30:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	301618	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	438676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	397690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200030	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	170222	45.56	ug/l	0.00
Spiked Amount			Recovery	=	91.12%	
35) Dibromofluoromethane	5.50	113	140233	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
50) Toluene-d8	8.71	98	525762	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	
62) 4-Bromofluorobenzene	11.13	95	187671	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	47130	16.962	ug/l	97
3) Chloromethane	1.33	50	52582	17.078	ug/l	99
4) Vinyl Chloride	1.41	62	55455	17.555	ug/l	99
5) Bromomethane	1.64	94	33064	15.545	ug/l	98
6) Chloroethane	1.73	64	40784	20.208	ug/l	99
7) Trichlorofluoromethane	1.93	101	78358	16.181	ug/l	100
8) Diethyl Ether	2.19	74	33195	16.703	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.39	101	45698	15.613	ug/l	98
10) Methyl Iodide	2.51	142	68318	18.745	ug/l	99
11) Tert butyl alcohol	3.07	59	70778	99.847	ug/l	99
12) 1,1-Dichloroethene	2.38	96	44696	16.941	ug/l	94
13) Acrolein	2.30	56	28835	45.776	ug/l	100
14) Allyl chloride	2.73	41	90640	18.580	ug/l	94
15) Acrylonitrile	3.15	53	157975	94.699	ug/l	99
16) Acetone	2.45	43	143386	86.302	ug/l	96
17) Carbon Disulfide	2.57	76	120218	16.378	ug/l	99
18) Methyl Acetate	2.78	43	72887	20.104	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	160293	17.447	ug/l	99
20) Methylene Chloride	2.86	84	51544	16.801	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	47263	16.478	ug/l	91
22) Diisopropyl ether	3.87	45	187501	18.464	ug/l	95
23) Vinyl Acetate	3.82	43	804624	90.308	ug/l	97
24) 1,1-Dichloroethane	3.70	63	98470	17.842	ug/l	98
25) 2-Butanone	4.70	43	240455	95.011	ug/l	95
26) 2,2-Dichloropropane	4.59	77	64997	14.753	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	58801	16.112	ug/l	92
28) Bromochloromethane	5.02	49	45400	16.897	ug/l	86
29) Tetrahydrofuran	5.15	42	156583	93.861	ug/l	93
30) Chloroform	5.21	83	98878	16.725	ug/l	99
31) Cyclohexane	5.57	56	87030	16.764	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	82275	16.828	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72207	18.309	ug/l	97
37) Ethyl Acetate	4.85	43	88551	20.213	ug/l	100
38) Carbon Tetrachloride	5.78	117	71089	17.944	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83892	16.831	ug/l	94
40) Benzene	6.14	78	223171	18.331	ug/l	100
41) Methacrylonitrile	5.06	41	49425	21.127	ug/l	95
42) 1,2-Dichloroethane	6.20	62	80193	19.598	ug/l	99
43) Isopropyl Acetate	6.46	43	134415	19.935	ug/l	97
44) Trichloroethene	7.21	130	60946	18.198	ug/l	99
45) 1,2-Dichloropropane	7.52	63	59999	19.025	ug/l	100
46) Dibromomethane	7.66	93	38461	17.481	ug/l	99
47) Bromodichloromethane	7.90	83	70062	18.376	ug/l	99
48) Methyl methacrylate	7.77	41	72464	20.503	ug/l	92
49) 1,4-Dioxane	7.75	88	29387	384.970	ug/l	92
51) 4-Methyl-2-Pentanone	8.65	43	463152	102.619	ug/l	98
52) Toluene	8.78	92	139723	18.200	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	74595	17.658	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	82772	17.889	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	57481	17.955	ug/l	99
56) Ethyl methacrylate	9.18	69	85512	18.783	ug/l	95
57) 1,3-Dichloropropane	9.37	76	97040	18.936	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	251213	100.065	ug/l	97
59) 2-Hexanone	9.49	43	351813	99.288	ug/l	98
60) Dibromochloromethane	9.59	129	56552	18.358	ug/l	98
61) 1,2-Dibromoethane	9.67	107	60334	18.152	ug/l	99
64) Tetrachloroethene	9.34	164	61988	19.200	ug/l	98
65) Chlorobenzene	10.14	112	155120	18.035	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54879	18.291	ug/l	99
67) Ethyl Benzene	10.25	91	261373	18.344	ug/l	99
68) m/p-Xylenes	10.36	106	199902	36.063	ug/l	98
69) o-Xylene	10.69	106	96080	18.020	ug/l	95
70) Styrene	10.71	104	157476	17.969	ug/l	99
71) Bromoform	10.85	173	43290	19.241	ug/l #	99
73) Isopropylbenzene	11.02	105	258343	18.071	ug/l	99
74) N-amyl acetate	10.90	43	115826	18.657	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87044	17.604	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	97876	22.955	ug/l	81
77) Bromobenzene	11.26	156	70403	19.634	ug/l	94
78) n-propylbenzene	11.36	91	285338	17.662	ug/l	98
79) 2-Chlorotoluene	11.42	91	172220	17.705	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	212910	18.105	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	21960	15.980	ug/l	91
82) 4-Chlorotoluene	11.51	91	200578	17.626	ug/l	97
83) tert-Butylbenzene	11.77	119	208171	18.437	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	217158	18.053	ug/l	98
85) sec-Butylbenzene	11.94	105	251115	17.748	ug/l	99
86) p-Isopropyltoluene	12.06	119	223938	18.073	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	121527	18.271	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	123713	18.161	ug/l	98
89) n-Butylbenzene	12.39	91	182329	16.500	ug/l	99
90) Hexachloroethane	12.60	117	35074	16.800	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	122677	18.433	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18293	16.979	ug/l	93

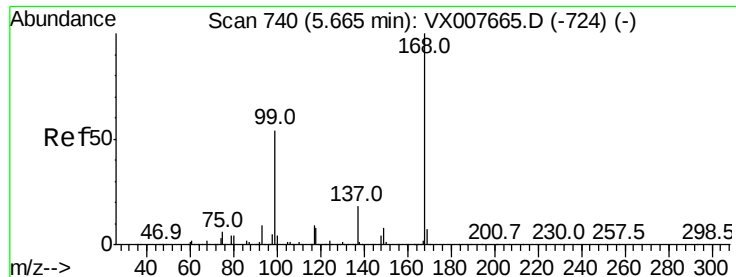
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
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Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	80859	19.904	ug/l	100
94) Hexachlorobutadiene	13.78	225	44460	23.924	ug/l	99
95) Naphthalene	13.83	128	241405	18.342	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	82594	20.249	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

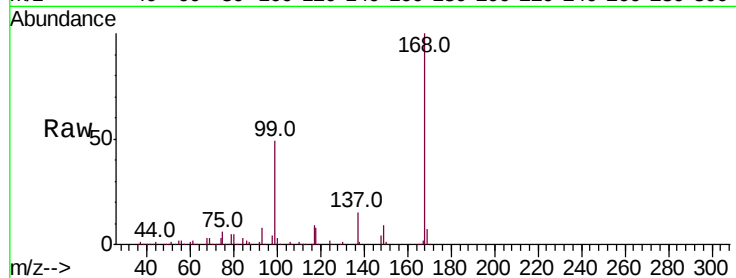
VX0228WBSD01

Tot Ion:168 Resp: 301618

Ion Ratio Lower Upper

168 100

99 48.8 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

120000

100000

80000

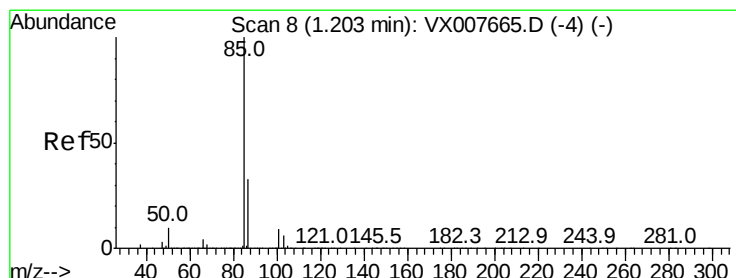
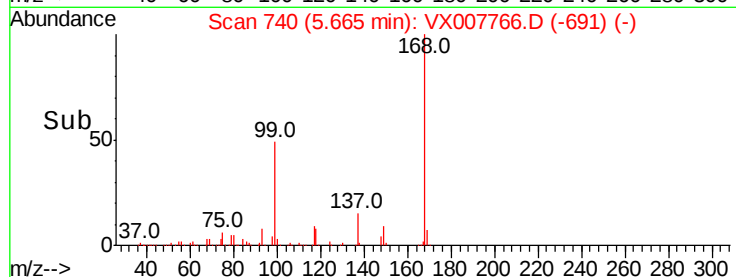
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.962 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX007766.D

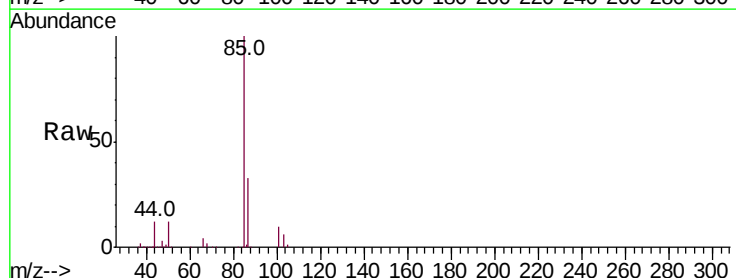
Acq: 28 Feb 2019 15:05

Tgt Ion: 85 Resp: 47130

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

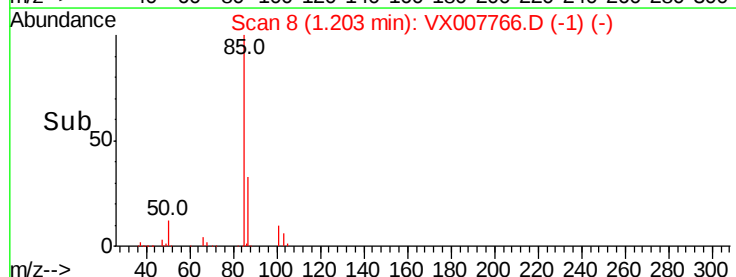
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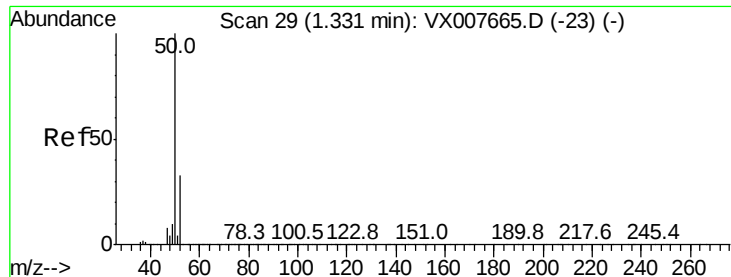
20000

10000

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Time-->





#3

Chloromethane

Concen: 17.078 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

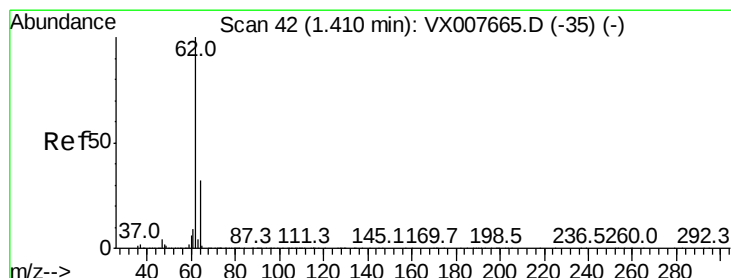
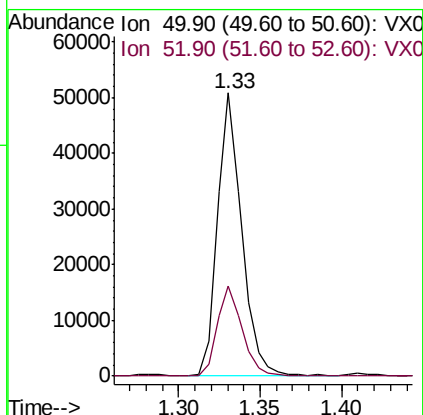
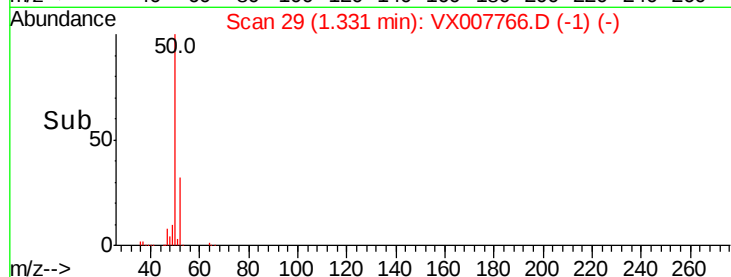
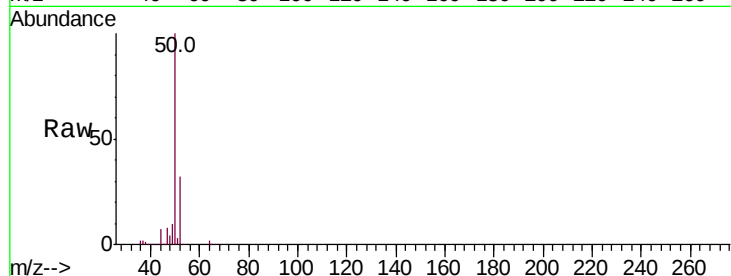
VX0228WBSD01

Tot Ion: 50 Resp: 52582

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 17.555 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007766.D

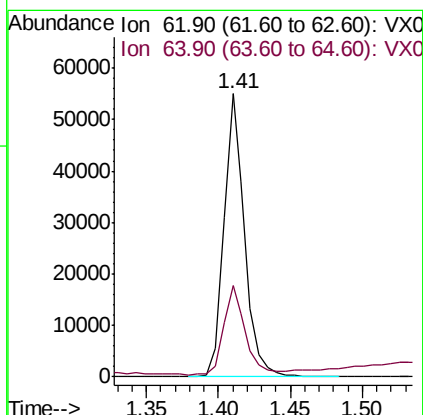
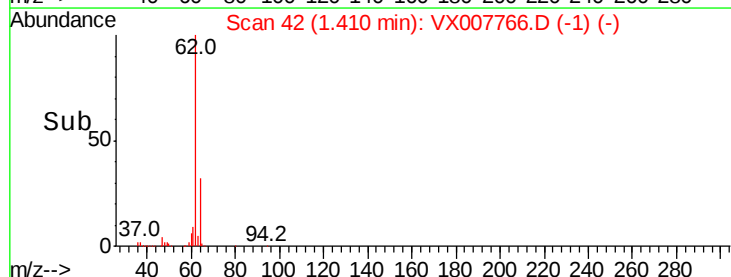
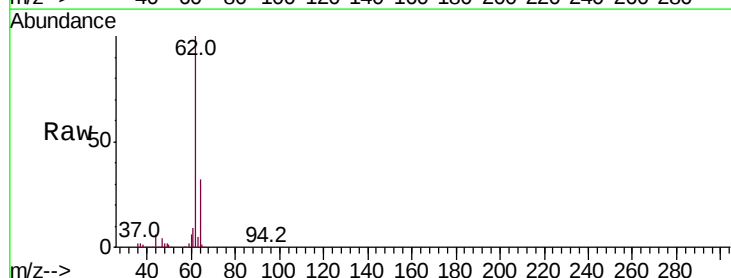
Acq: 28 Feb 2019 15:05

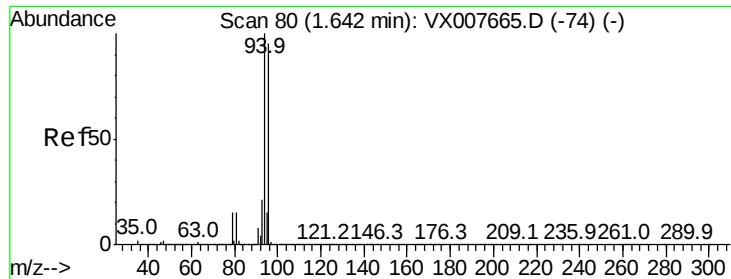
Tgt Ion: 62 Resp: 55455

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.0





#5

Bromomethane

Concen: 15.545 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

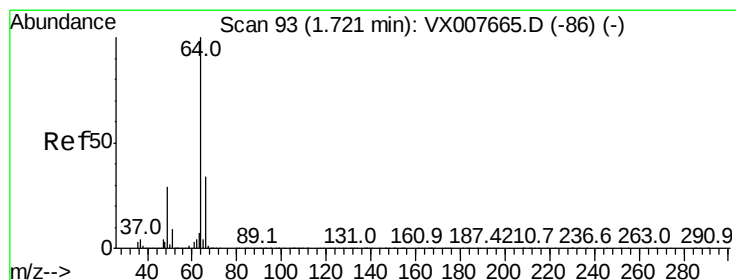
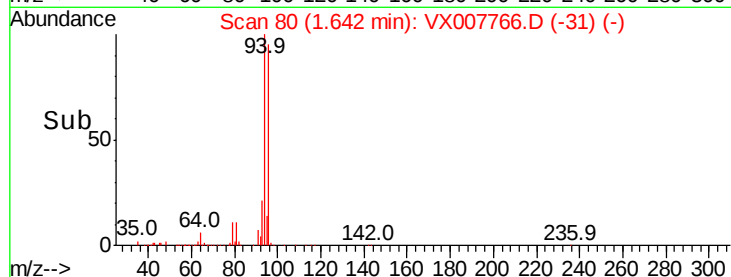
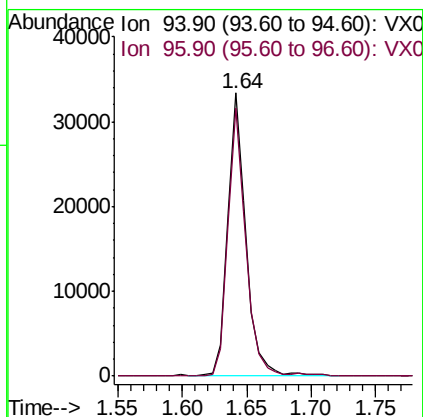
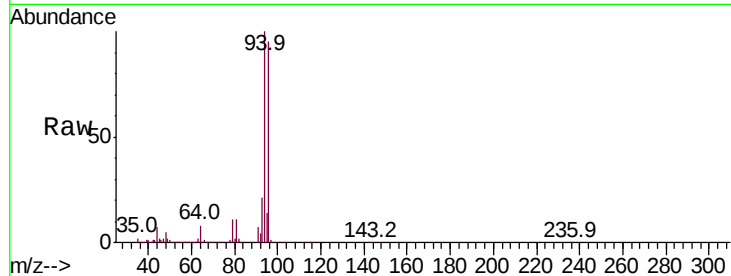
VX0228WBSD01

Tot Ion: 94 Resp: 33064

Ion Ratio Lower Upper

94 100

96 94.7 73.9 110.9



#6

Chloroethane

Concen: 20.208 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX007766.D

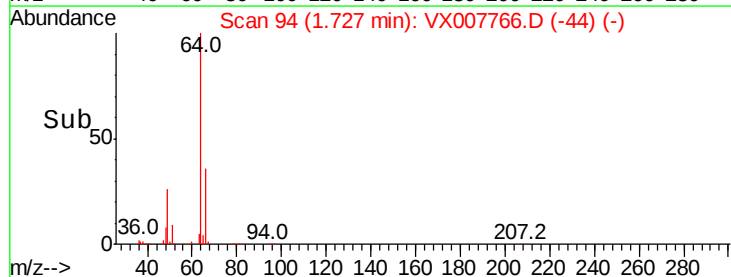
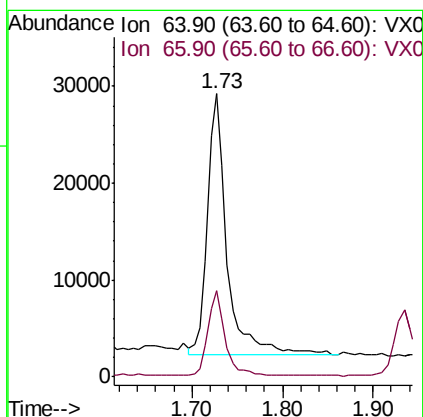
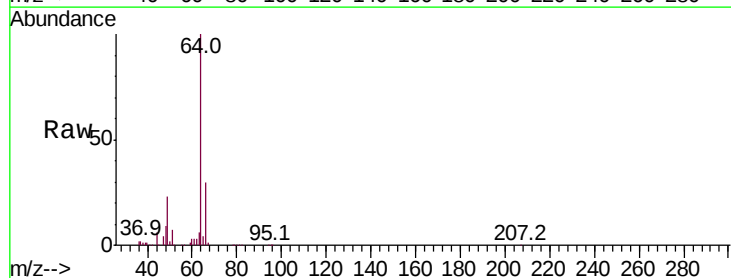
Acq: 28 Feb 2019 15:05

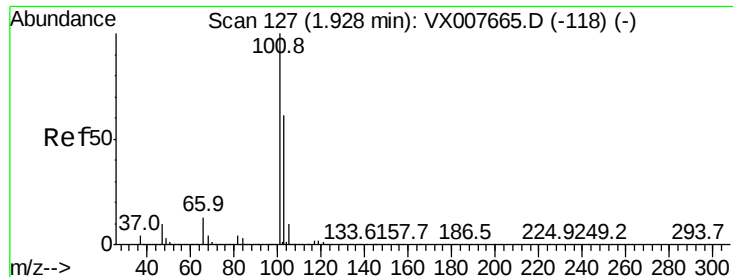
Tgt Ion: 64 Resp: 40784

Ion Ratio Lower Upper

64 100

66 32.2 25.5 38.3



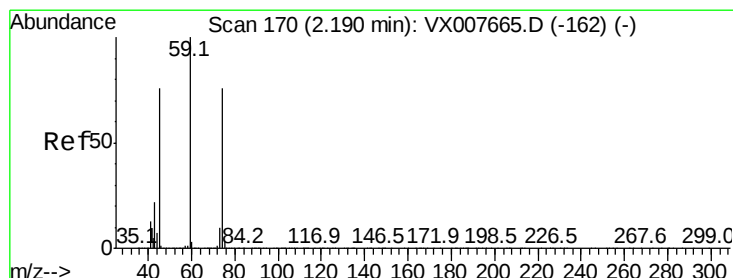
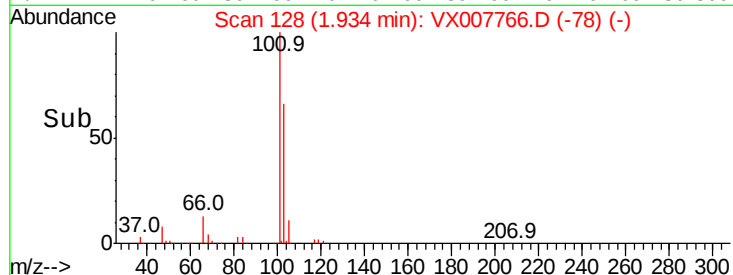
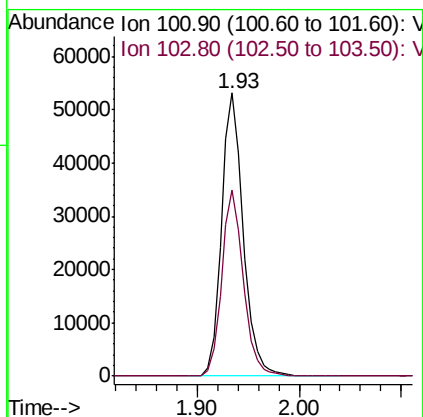
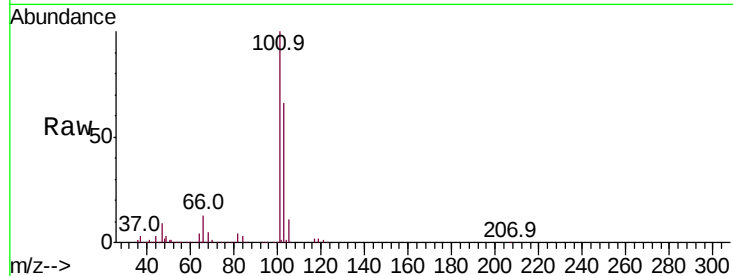


#7

Trichlorofluoromethane
Concen: 16.181 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

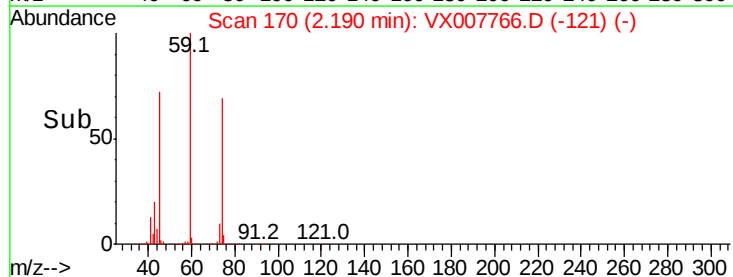
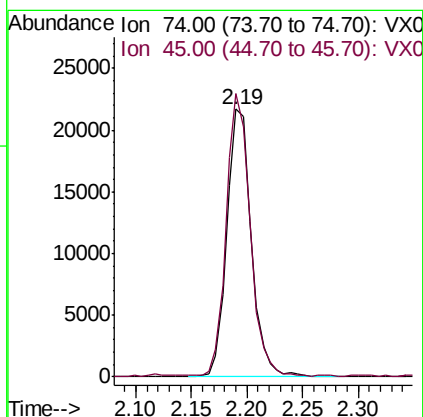
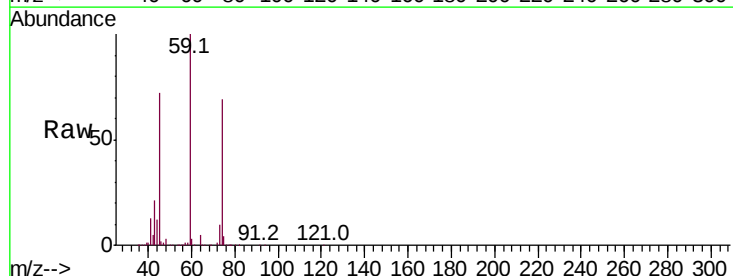
Tot Ion:101 Resp: 78358
Ion Ratio Lower Upper
101 100
103 65.6 52.6 79.0

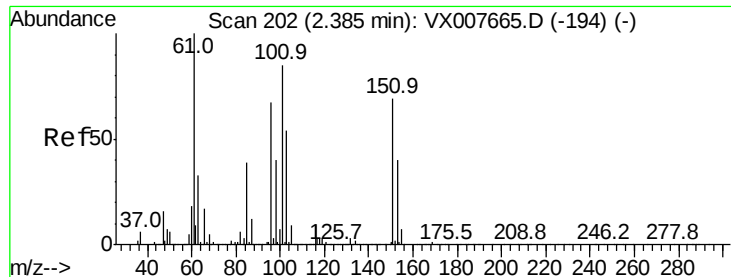


#8

Diethyl Ether
Concen: 16.703 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 74 Resp: 33195
Ion Ratio Lower Upper
74 100
45 102.1 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.613 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

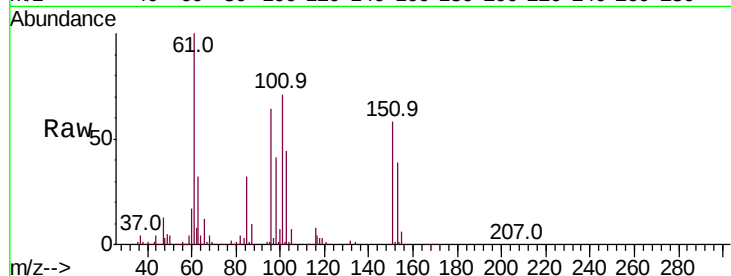
Tot Ion:101 Resp: 45698

Ion Ratio Lower Upper

101 100

85 45.2 34.1 51.1

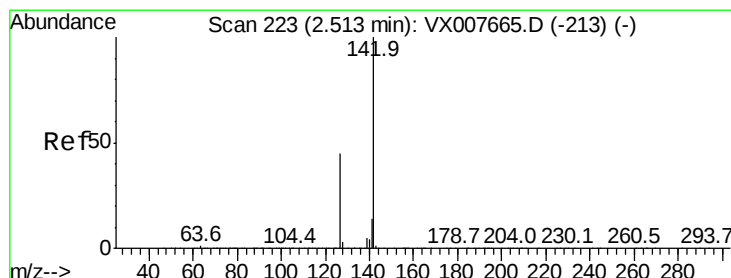
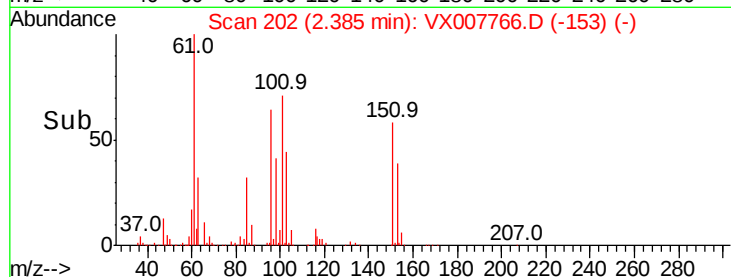
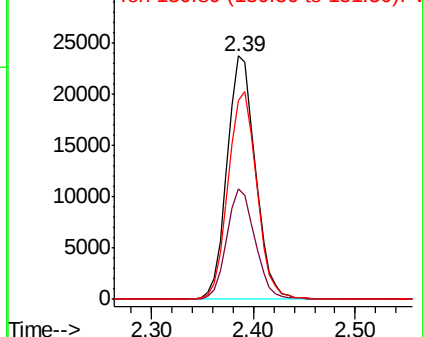
151 86.1 69.9 104.9



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: 18.745 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

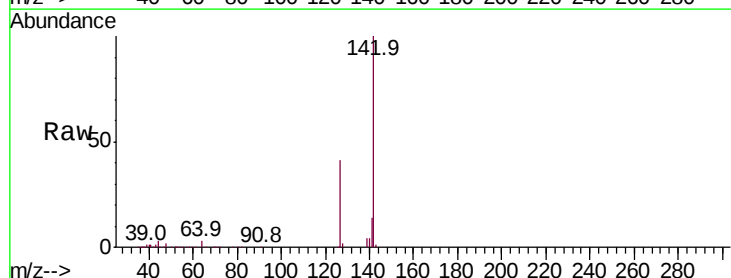
Tgt Ion:142 Resp: 68318

Ion Ratio Lower Upper

142 100

127 41.7 33.7 50.5

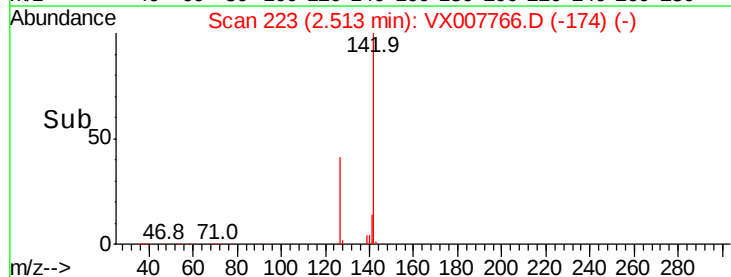
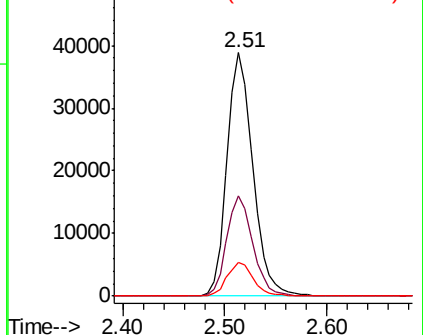
141 13.9 11.3 16.9

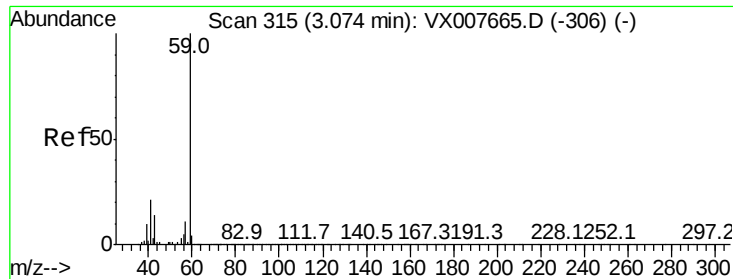


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



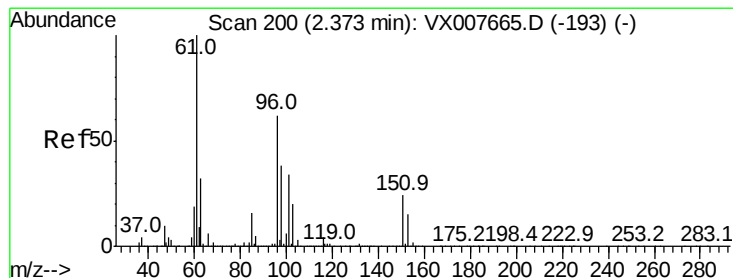
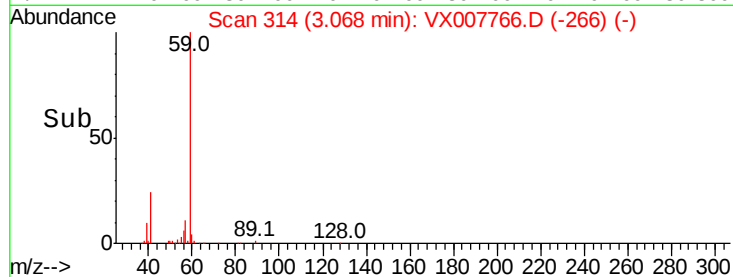
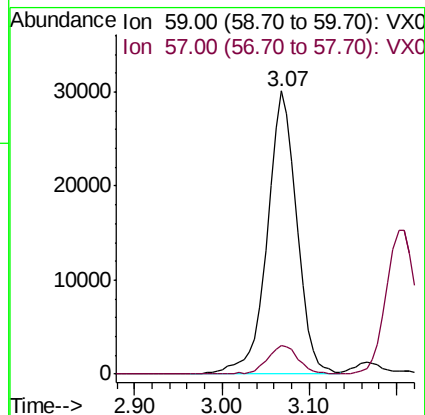
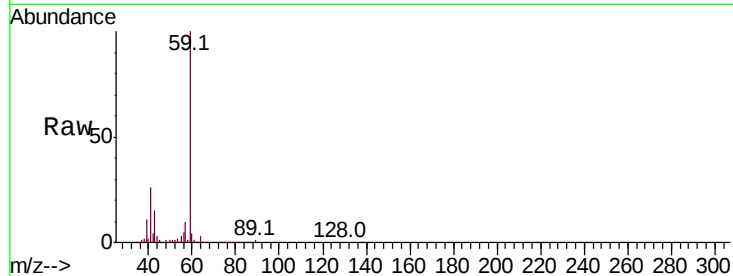


#11

Tert butyl alcohol
 Concen: 99.847 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

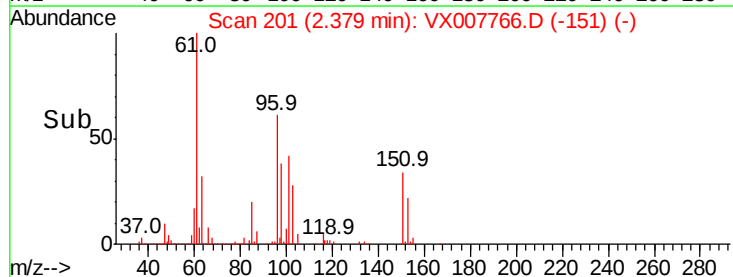
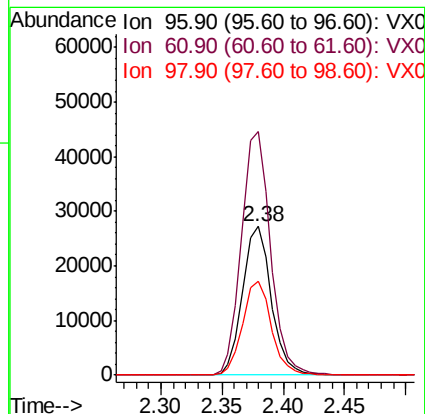
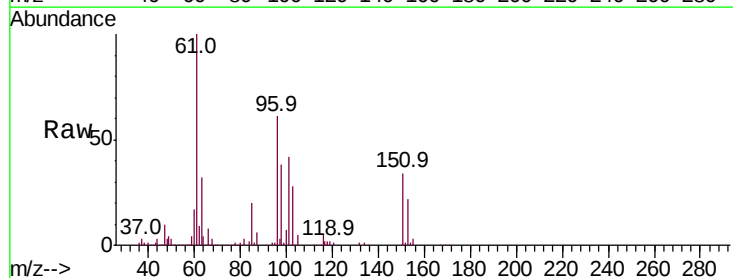
Tot Ion: 59 Resp: 70778
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1

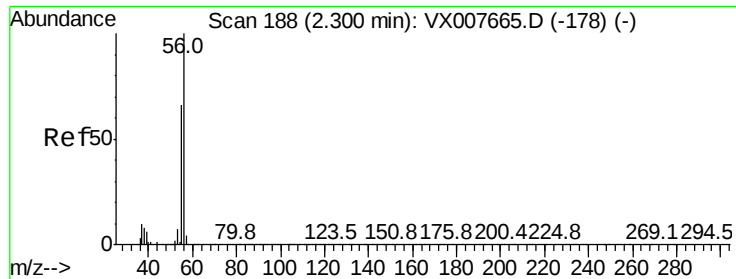


#12

1,1-Dichloroethene
 Concen: 16.941 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion: 96 Resp: 44696
 Ion Ratio Lower Upper
 96 100
 61 163.9 123.0 184.4
 98 62.9 50.9 76.3





#13

Acrolein

Concen: 45.776 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

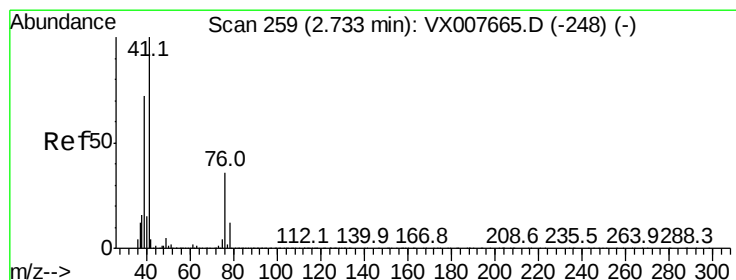
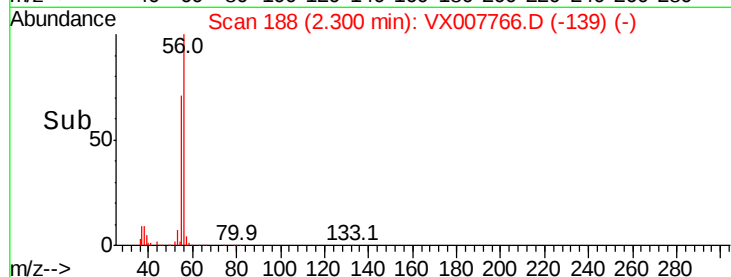
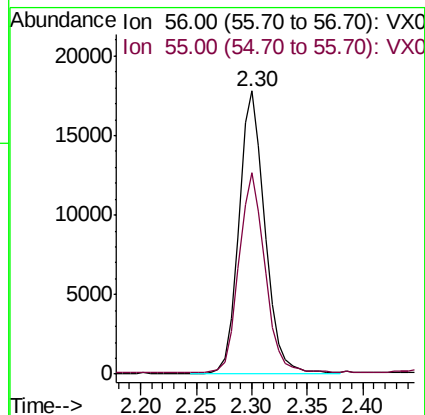
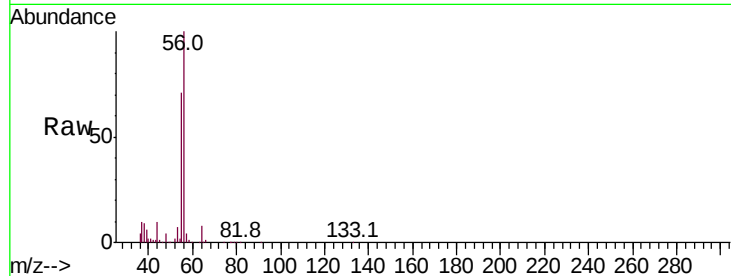
VX0228WBSD01

Tot Ion: 56 Resp: 28835

Ion Ratio Lower Upper

56 100

55 70.8 56.9 85.3



#14

Allyl chloride

Concen: 18.580 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

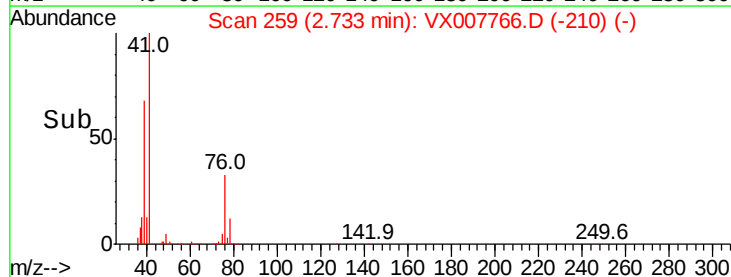
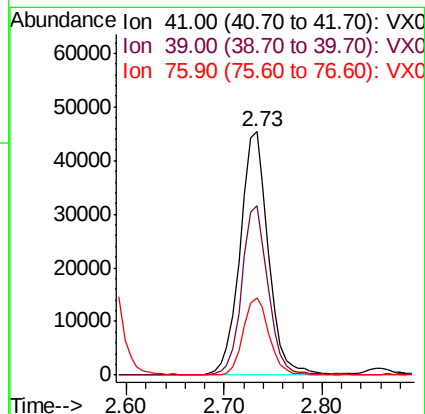
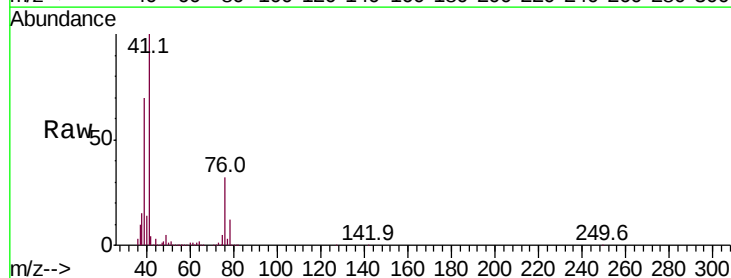
Tgt Ion: 41 Resp: 90640

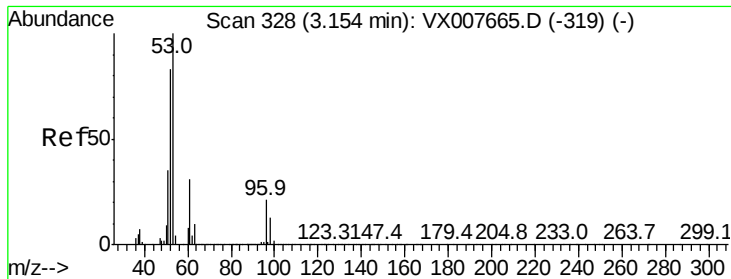
Ion Ratio Lower Upper

41 100

39 64.2 54.1 81.1

76 29.4 27.8 41.8





#15

Acrylonitrile

Concen: 94.699 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

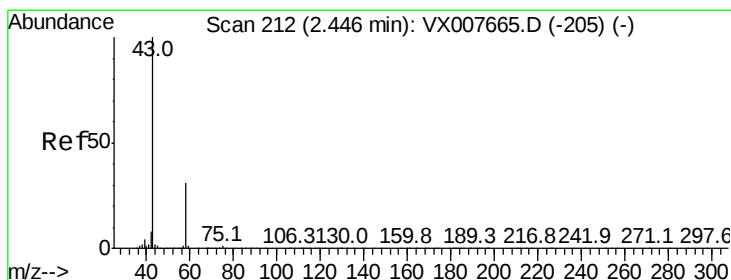
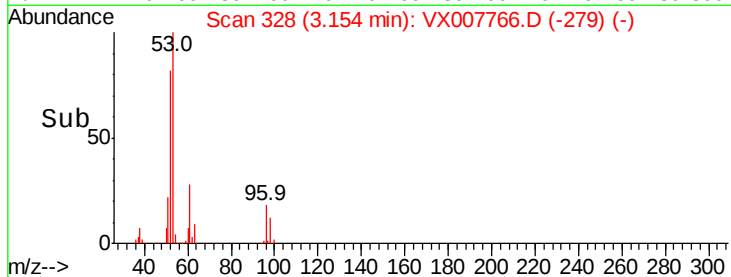
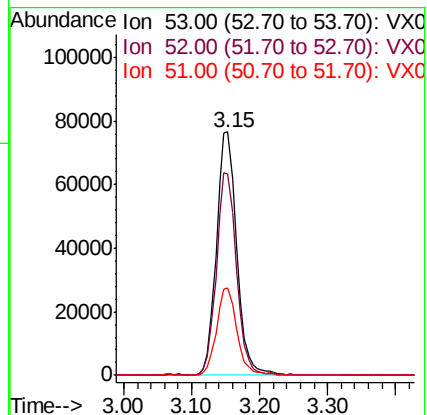
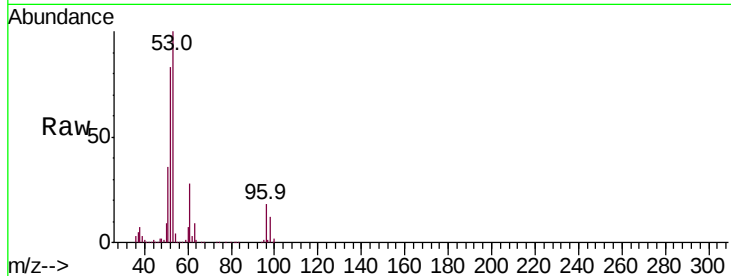
Tot Ion: 53 Resp: 157975

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

51 36.0 28.4 42.6



#16

Acetone

Concen: 86.302 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007766.D

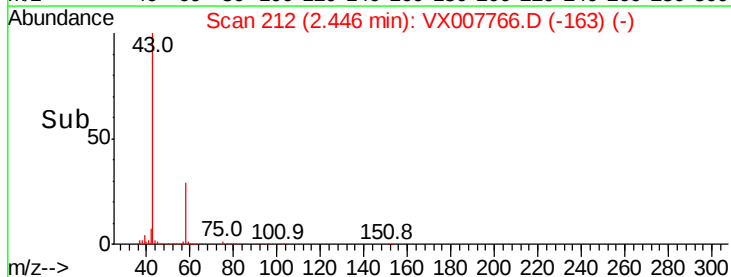
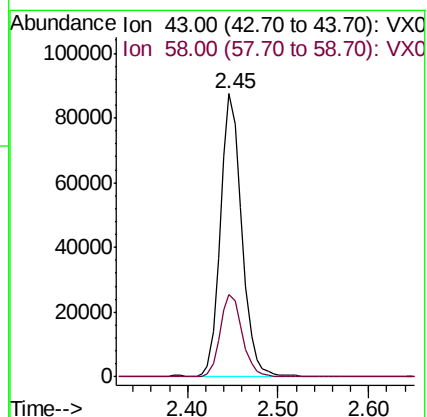
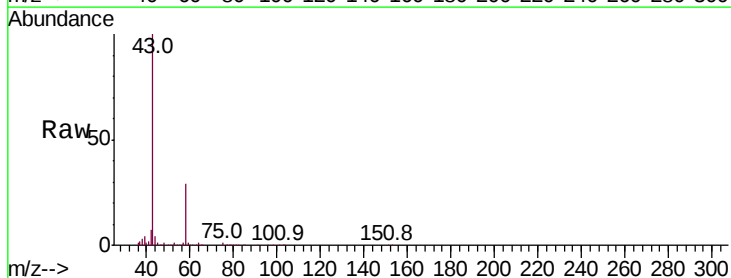
Acq: 28 Feb 2019 15:05

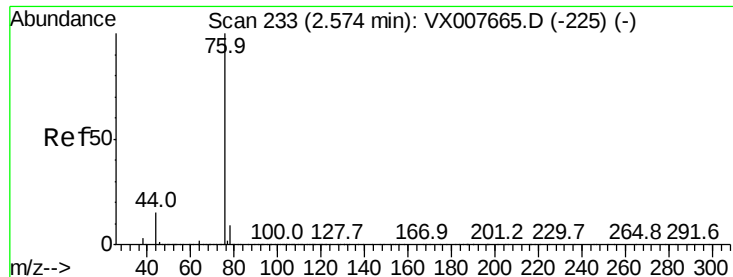
Tgt Ion: 43 Resp: 143386

Ion Ratio Lower Upper

43 100

58 29.0 24.9 37.3





#17

Carbon Disulfide

Concen: 16.378 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

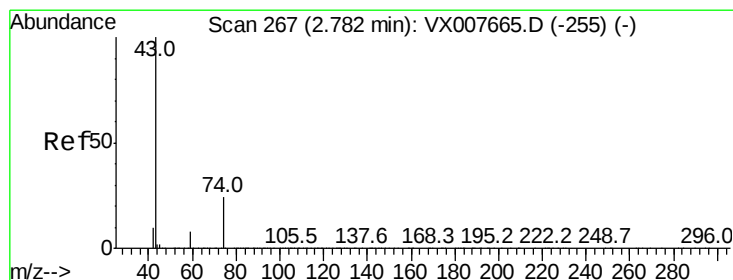
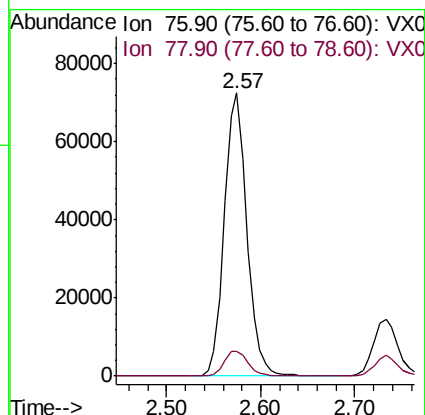
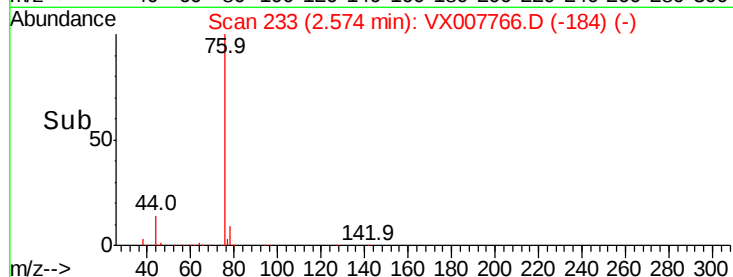
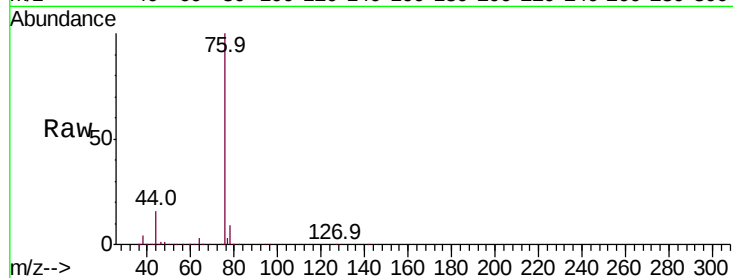
VX0228WBSD01

Tot Ion: 76 Resp: 120218

Ion Ratio Lower Upper

76 100

78 8.7 7.1 10.7



#18

Methyl Acetate

Concen: 20.104 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007766.D

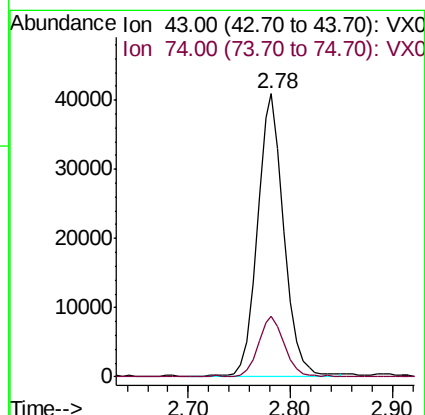
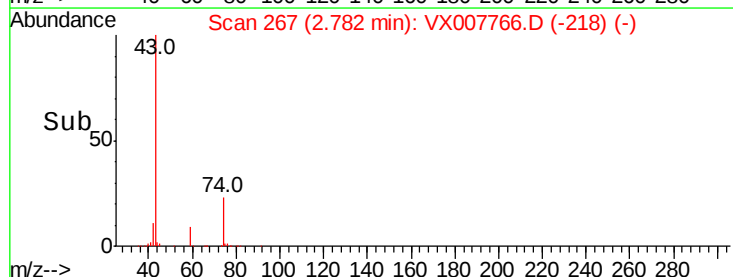
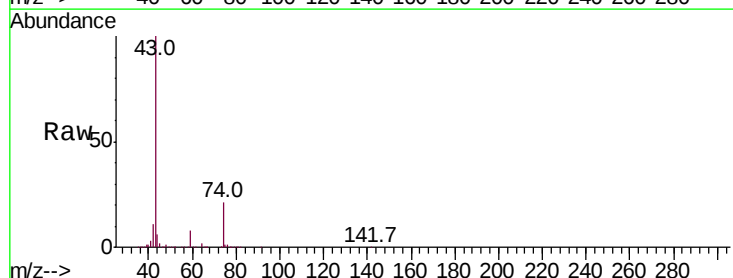
Acq: 28 Feb 2019 15:05

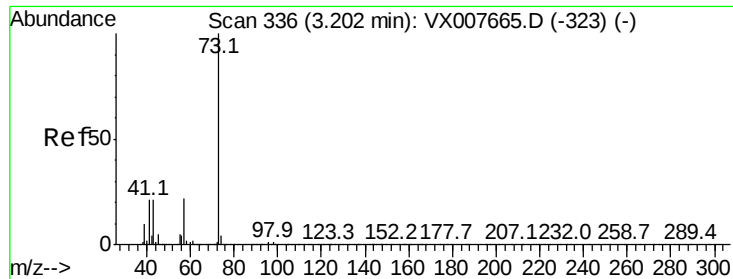
Tgt Ion: 43 Resp: 72887

Ion Ratio Lower Upper

43 100

74 21.1 19.4 29.2

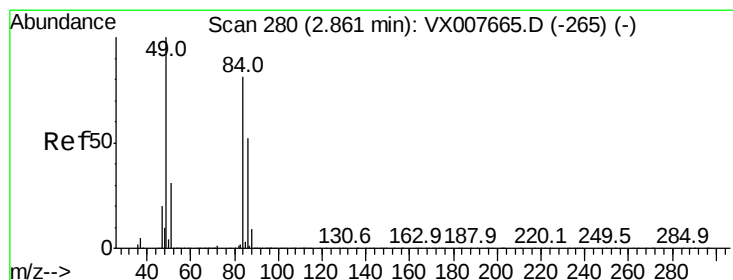
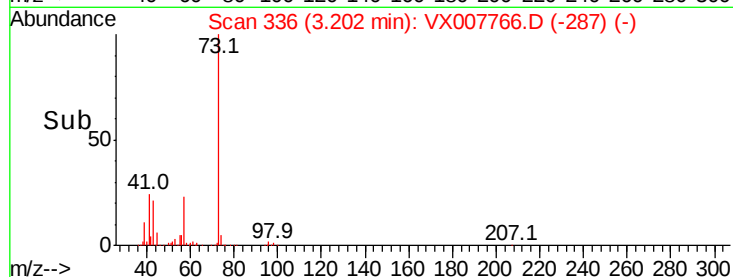
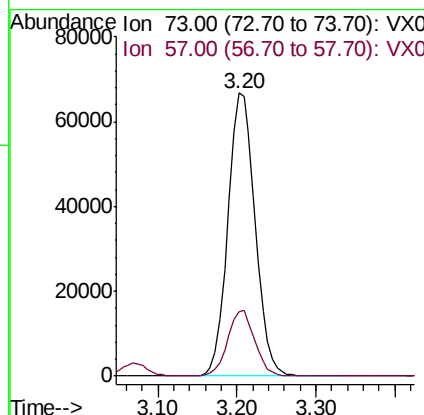
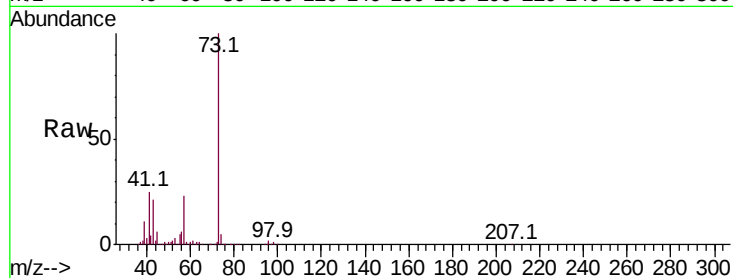




#19
Methyl tert-butyl Ether
Concen: 17.447 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

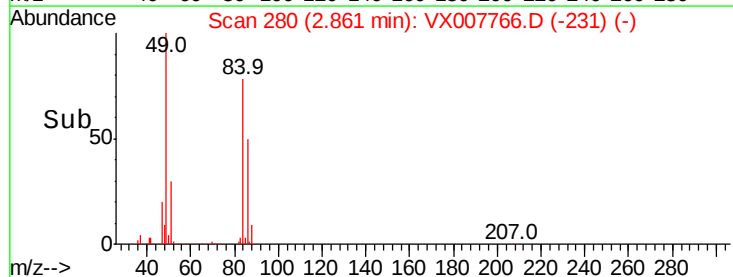
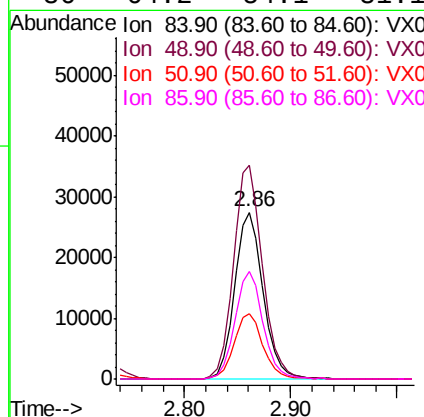
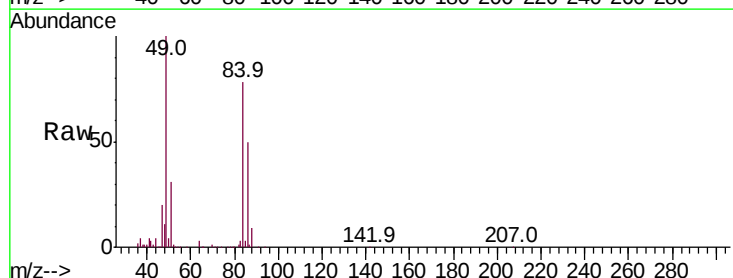
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

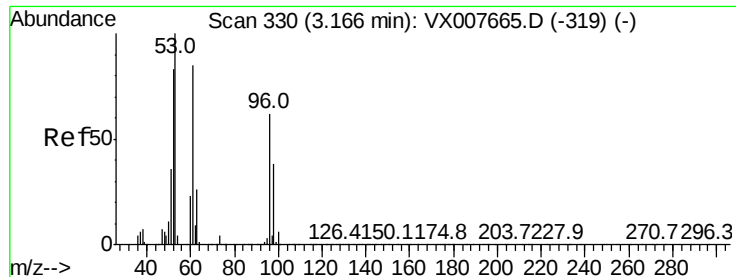
Tot Ion: 73 Resp: 160293
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 16.801 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 84 Resp: 51544
Ion Ratio Lower Upper
84 100
49 127.9 94.8 142.2
51 38.9 29.8 44.8
86 64.2 54.1 81.1





#21

trans-1,2-Dichloroethene

Concen: 16.478 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

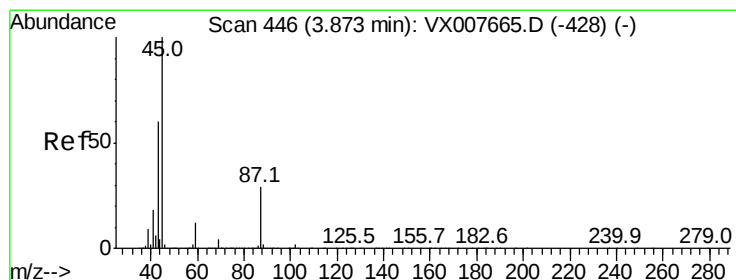
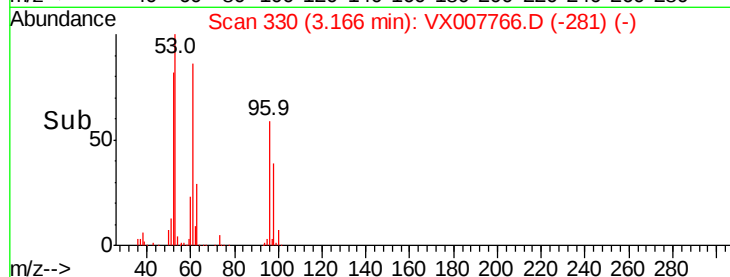
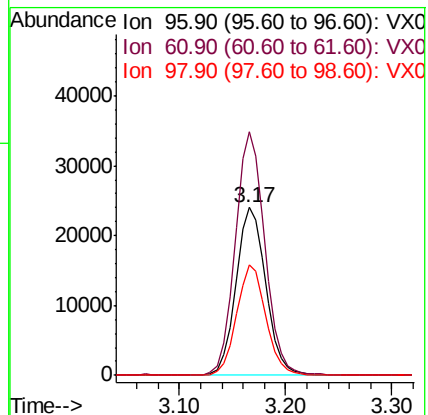
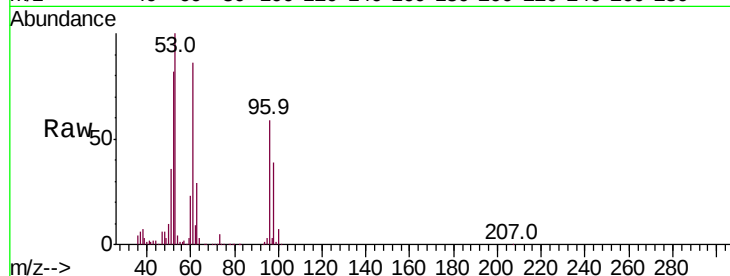
Tot Ion: 96 Resp: 47263

Ion Ratio Lower Upper

96 100

61 145.2 104.6 156.8

98 65.9 51.0 76.4



#22

Diisopropyl ether

Concen: 18.464 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion: 45 Resp: 187501

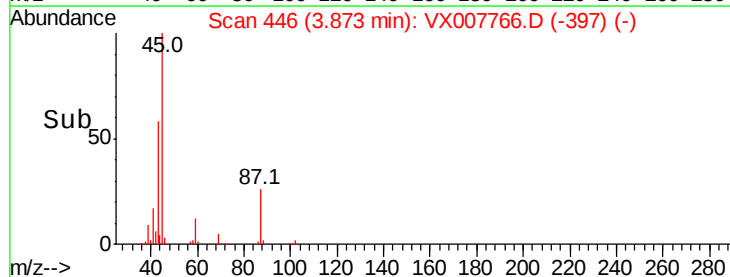
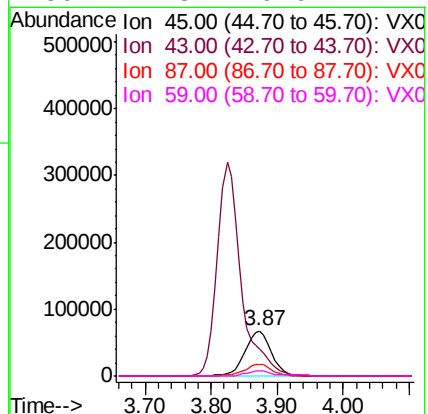
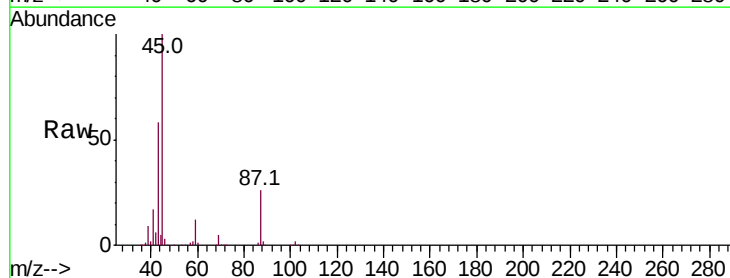
Ion Ratio Lower Upper

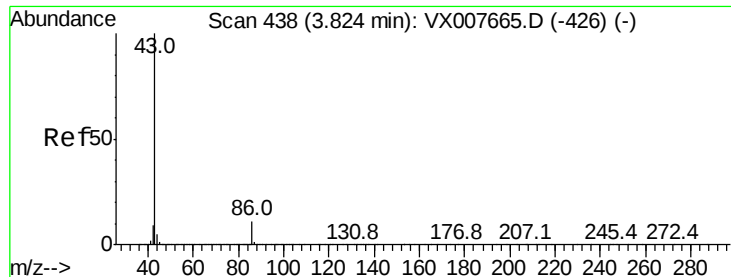
45 100

43 58.1 48.9 73.3

87 25.8 23.9 35.9

59 11.8 9.6 14.4





#23

Vinyl Acetate

Concen: 90.308 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

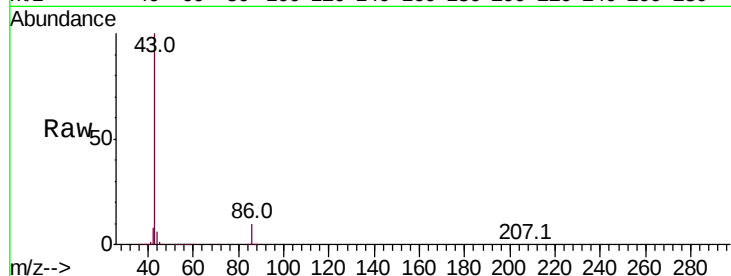
VX0228WBSD01

Tot Ion: 43 Resp: 804624

Ion Ratio Lower Upper

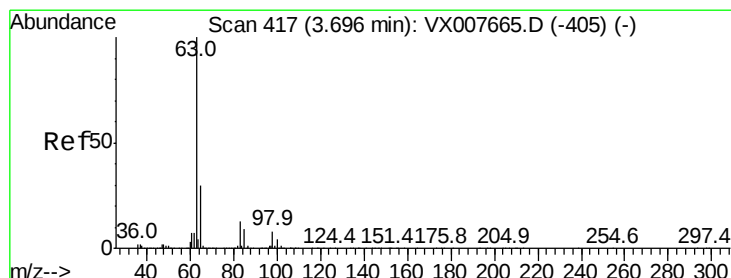
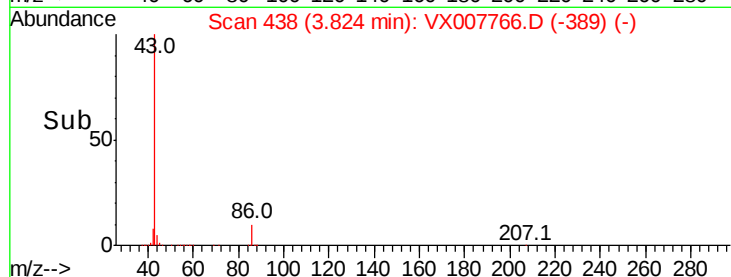
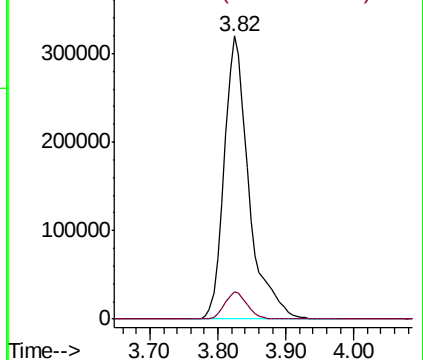
43 100

86 9.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.842 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

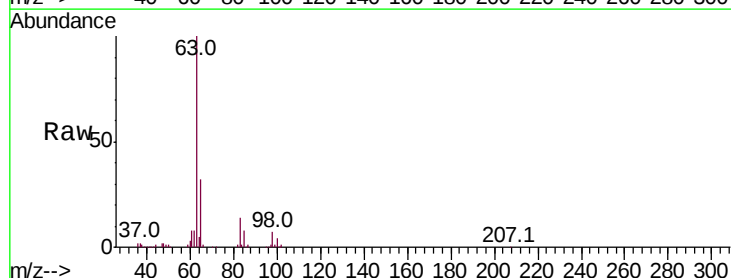
Tgt Ion: 63 Resp: 98470

Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

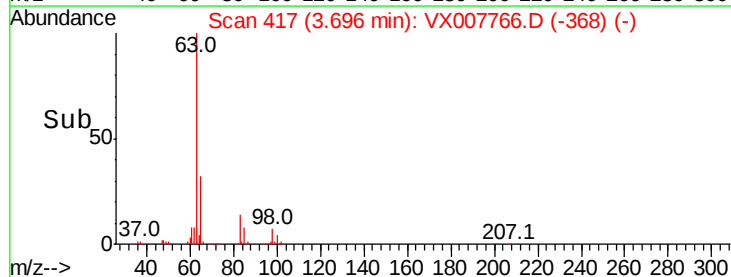
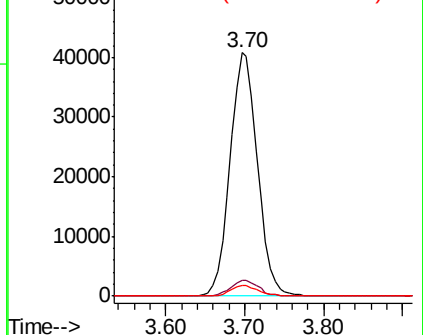
100 4.3 2.5 7.4

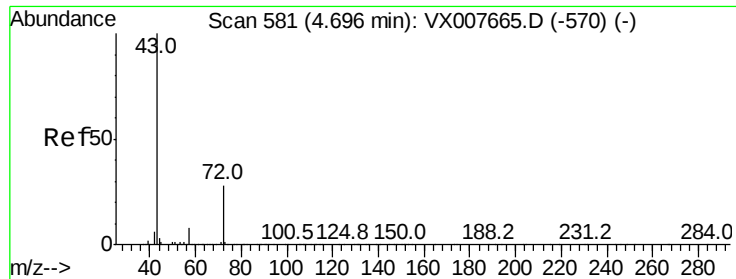


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.011 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

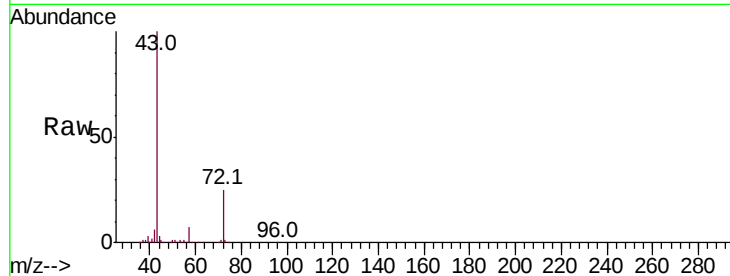
VX0228WBSD01

Tot Ion: 43 Resp: 240455

Ion Ratio Lower Upper

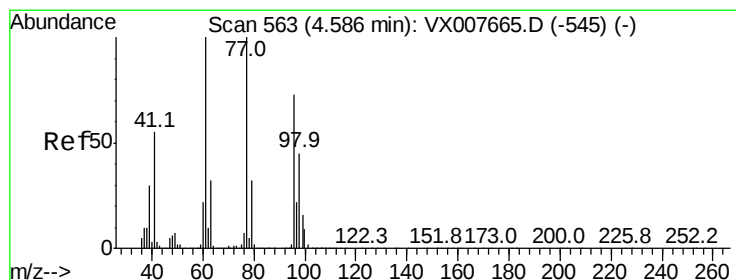
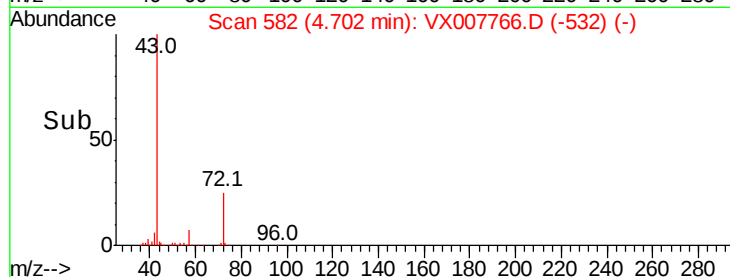
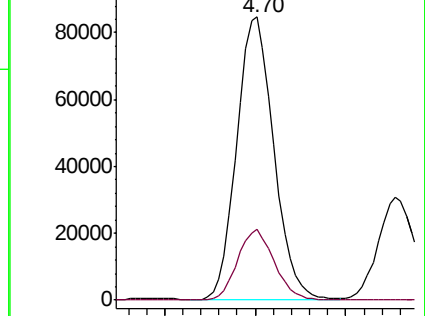
43 100

72 24.9 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 14.753 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007766.D

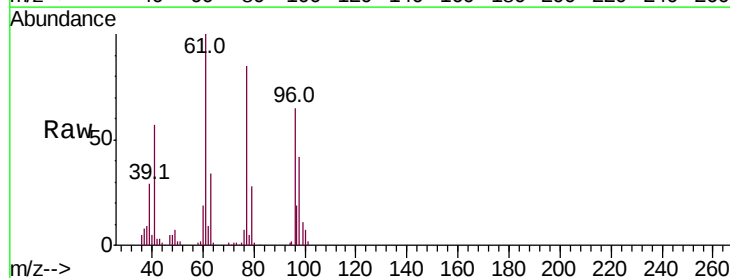
Acq: 28 Feb 2019 15:05

Tgt Ion: 77 Resp: 64997

Ion Ratio Lower Upper

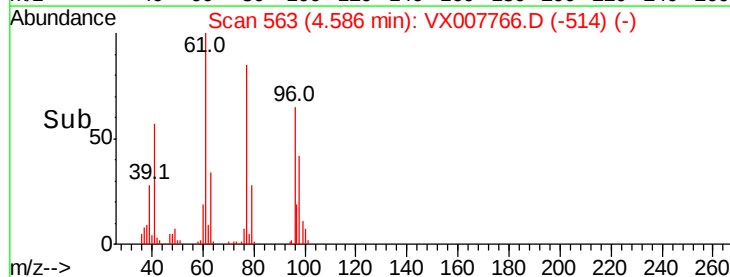
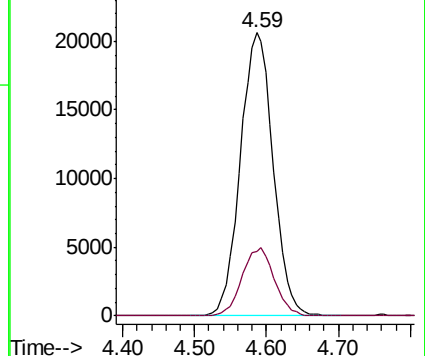
77 100

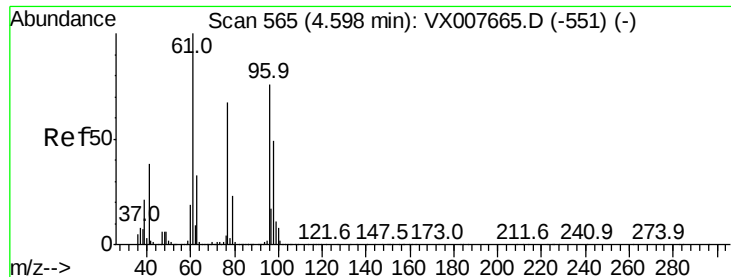
97 23.8 12.1 36.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



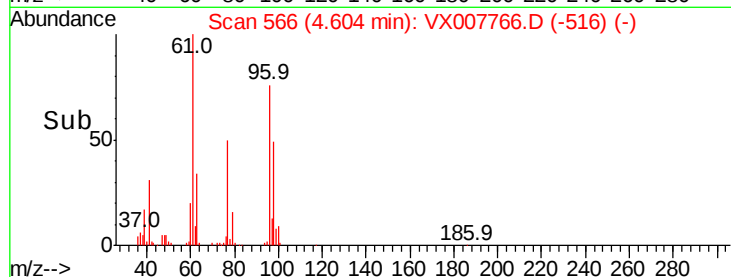
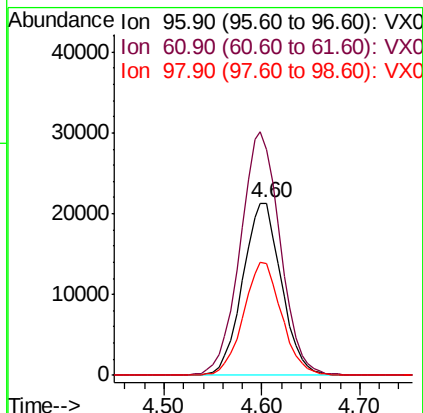
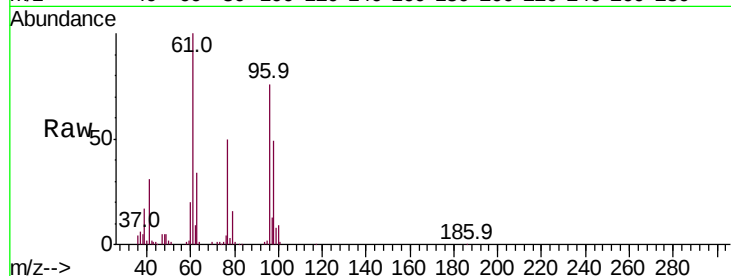


#27

cis-1,2-Dichloroethene
 Concen: 16.112 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

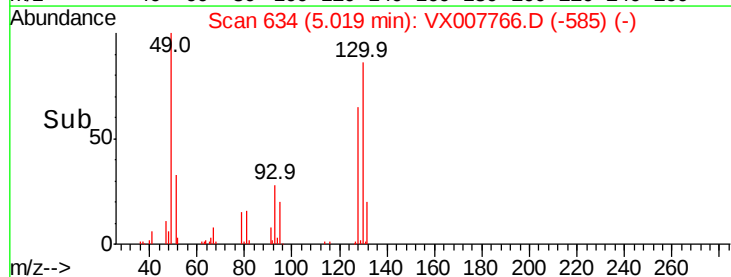
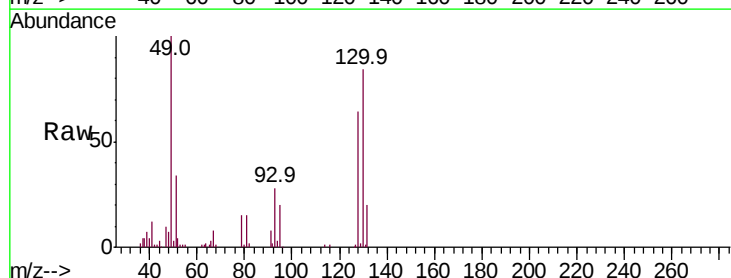
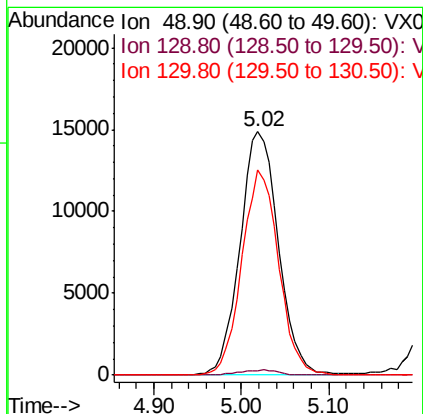
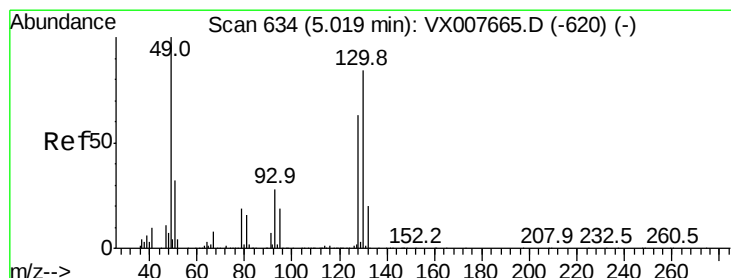
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	265.6
98	64.6	0.0	131.6

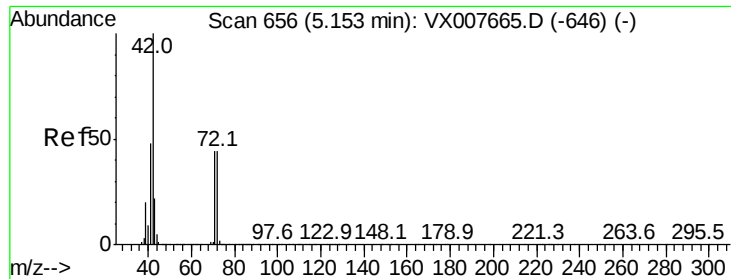


#28

Bromochloromethane
 Concen: 16.897 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	5.6
130	80.7	75.6	113.4

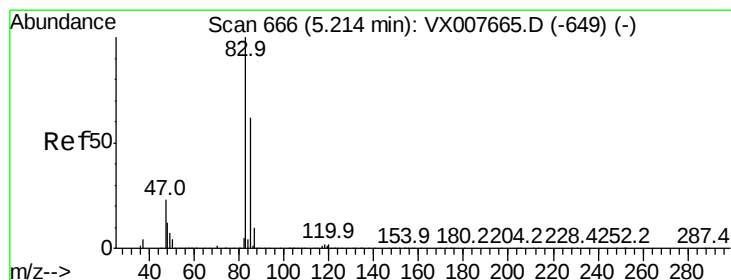
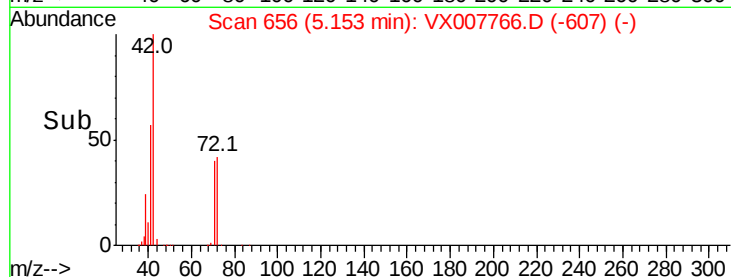
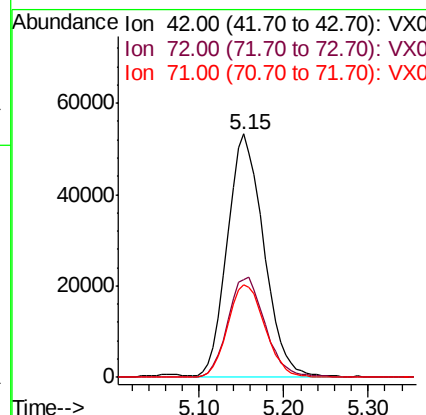
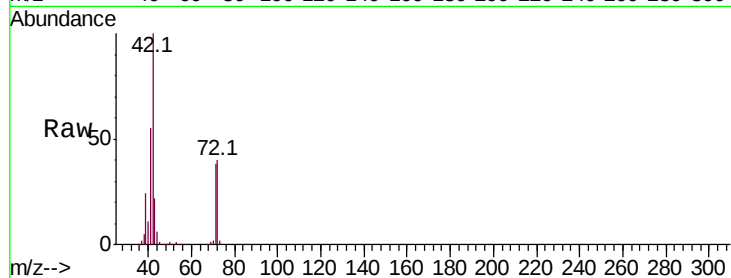




#29
Tetrahydrofuran
Concen: 93.861 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

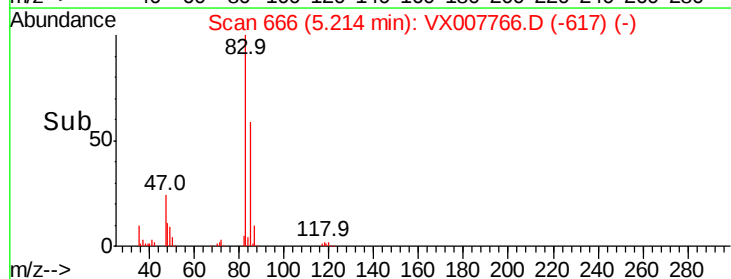
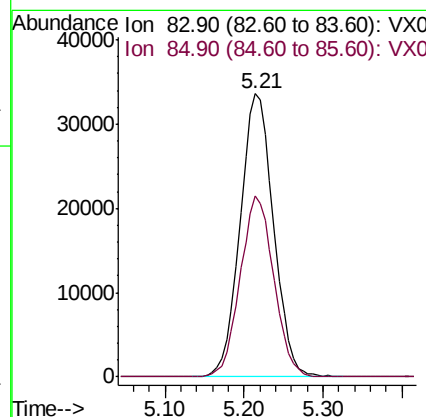
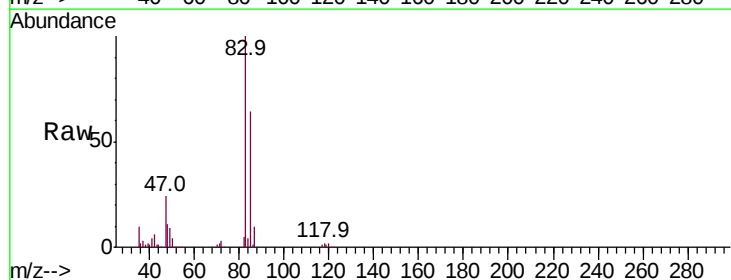
Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

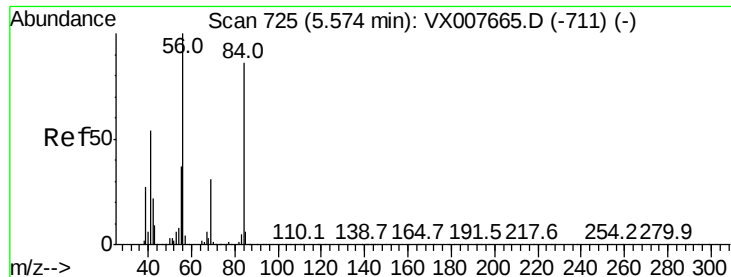
Tot Ion: 42 Resp: 156583
Ion Ratio Lower Upper
42 100
72 42.4 37.6 56.4
71 39.2 34.6 51.8



#30
Chloroform
Concen: 16.725 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 83 Resp: 98878
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4

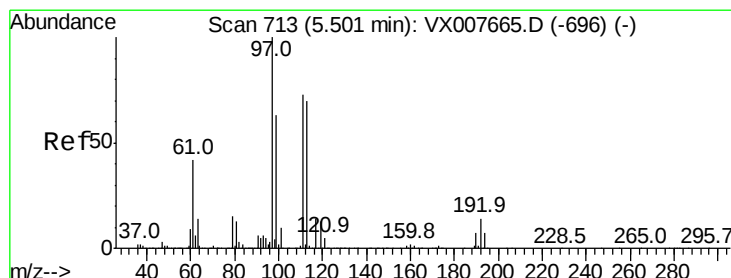
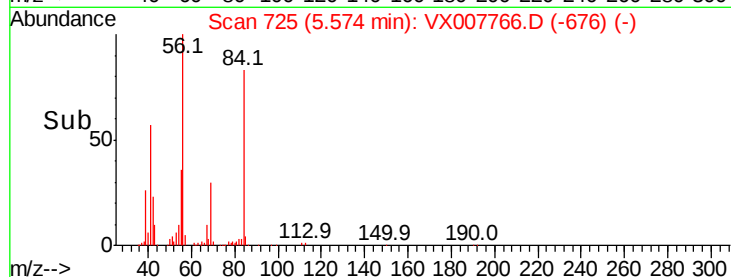
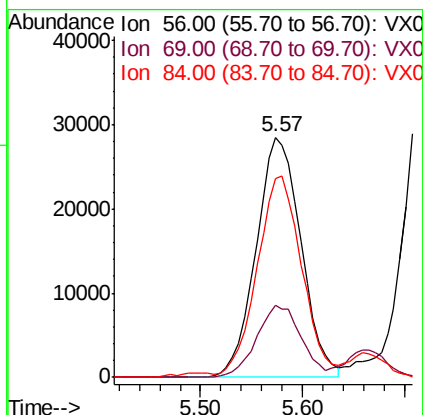
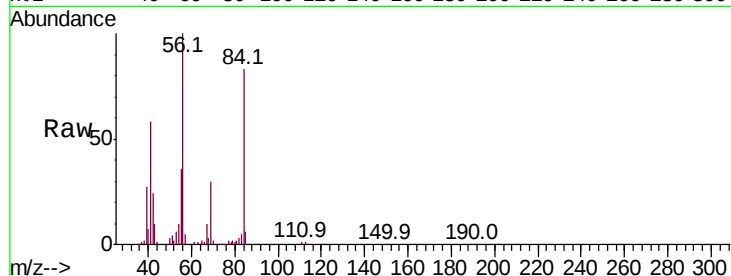




#31
Cvclohexane
Concen: 16.764 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

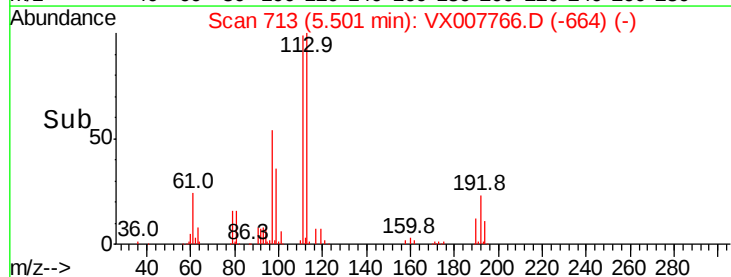
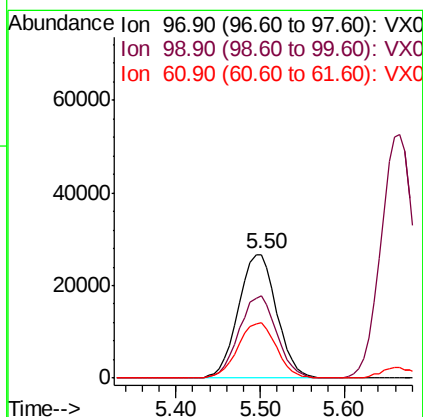
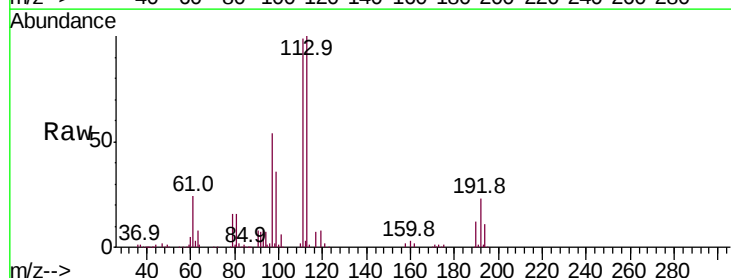
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

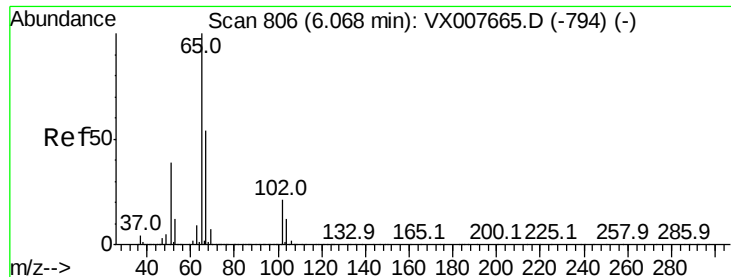
Tot Ion: 56 Resp: 87030
Ion Ratio Lower Upper
56 100
69 29.8 23.0 34.6
84 81.2 69.8 104.6



#32
1,1,1-Trichloroethane
Concen: 16.828 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 97 Resp: 82275
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.2
61 45.3 32.7 49.1





#33

1,2-Dichloroethane-d4

Concen: 45.562 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

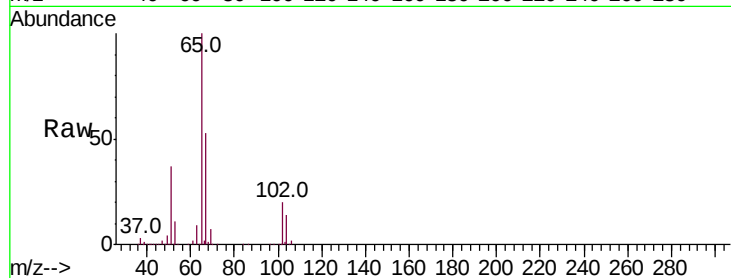
VX0228WBSD01

Tot Ion: 65 Resp: 170222

Ion Ratio Lower Upper

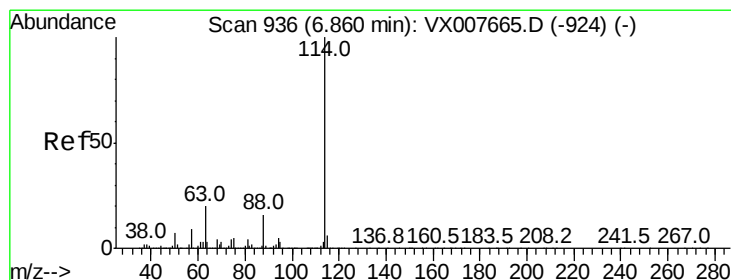
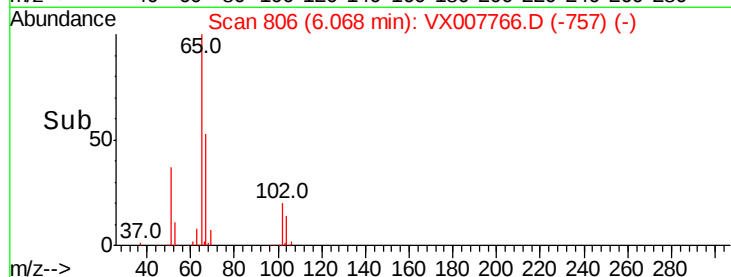
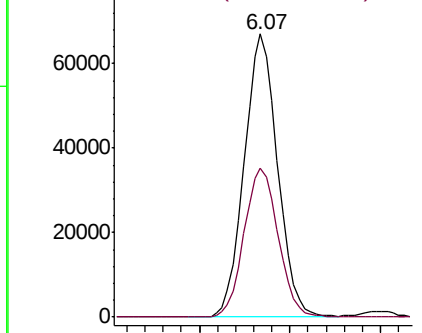
65 100

67 54.0 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: VX007766.D

Acq: 28 Feb 2019 15:05

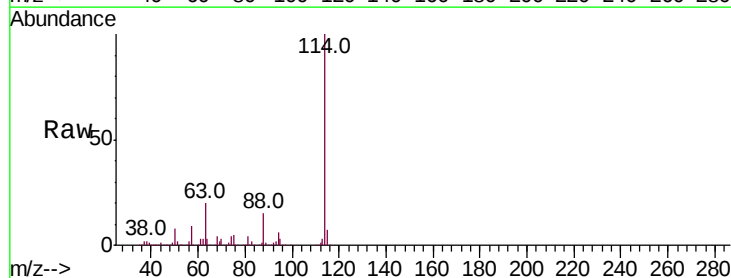
Tgt Ion: 114 Resp: 438676

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

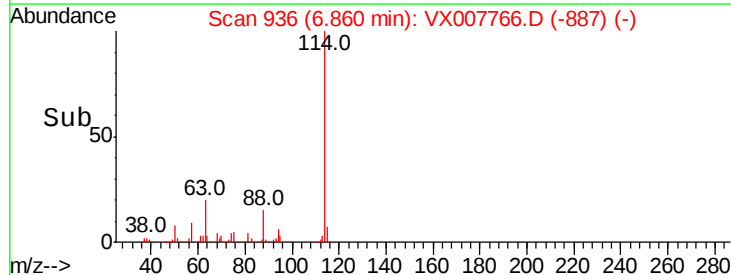
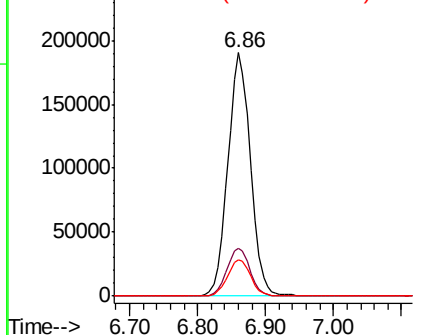
88 15.0 0.0 29.6

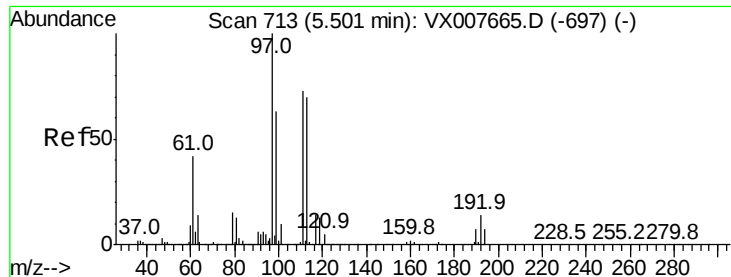


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.822 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

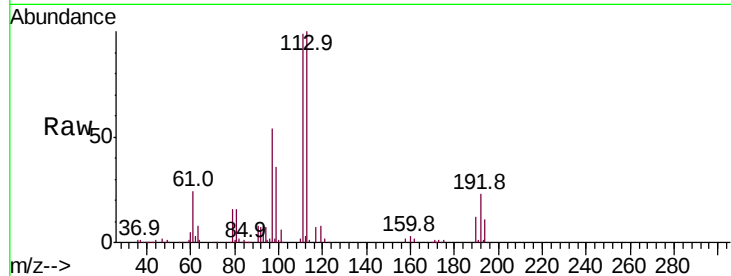
Tot Ion:113 Resp: 140233

Ion Ratio Lower Upper

113 100

111 101.6 81.8 122.8

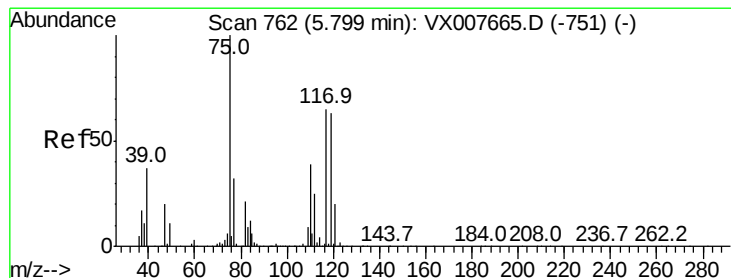
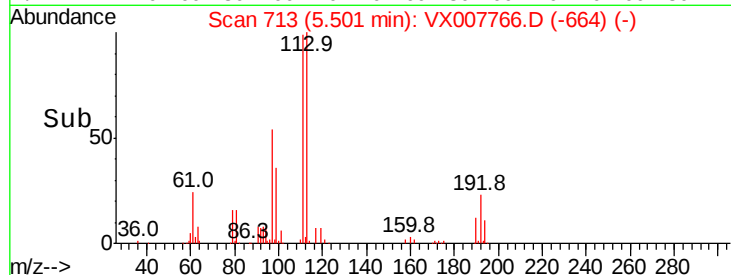
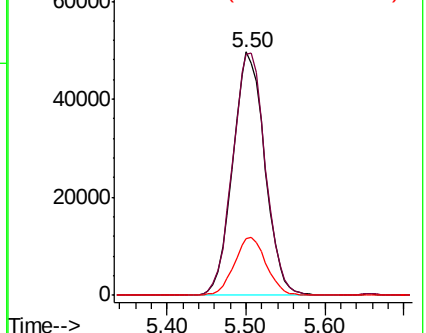
192 23.8 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.309 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

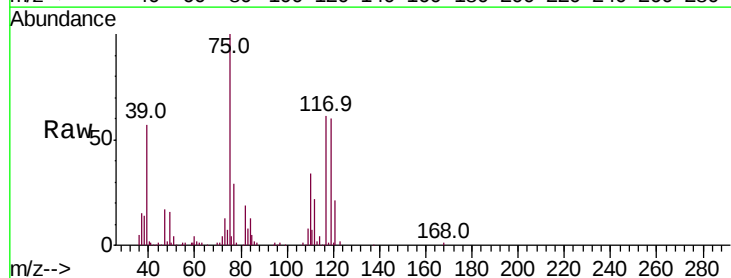
Tgt Ion: 75 Resp: 72207

Ion Ratio Lower Upper

75 100

110 36.6 20.0 59.9

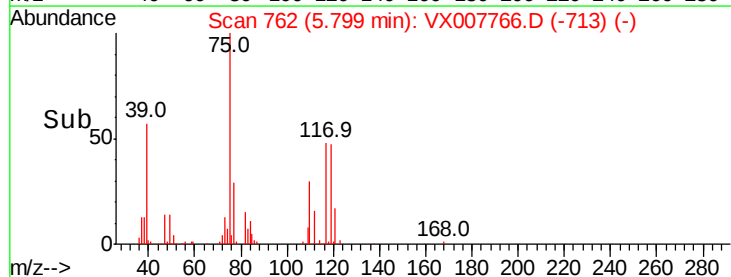
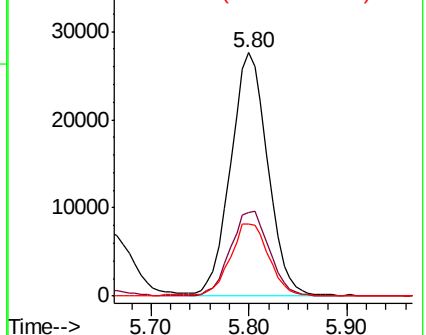
77 31.5 24.7 37.1

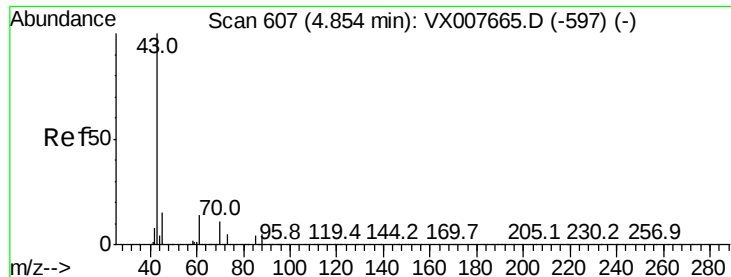


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

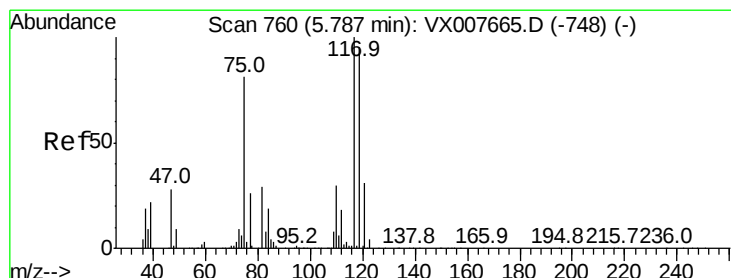
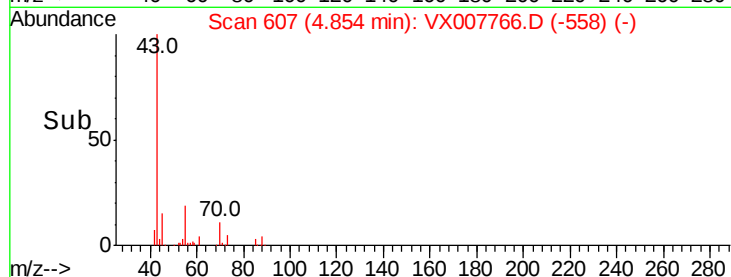
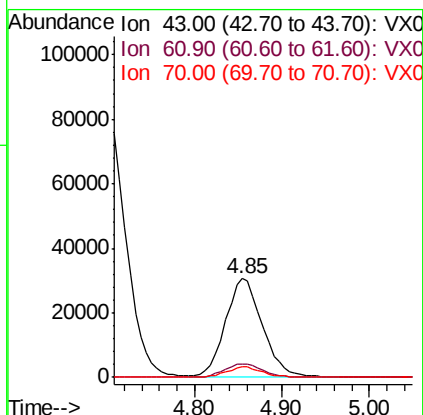
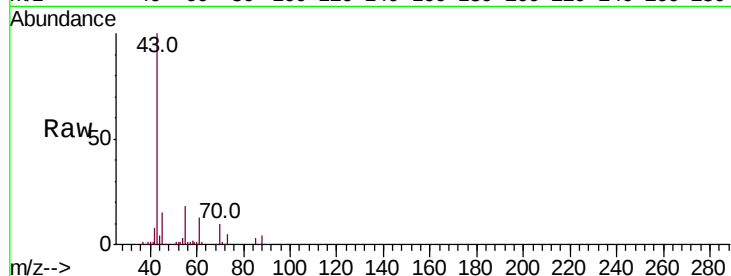




#37
Ethyl Acetate
Concen: 20.213 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

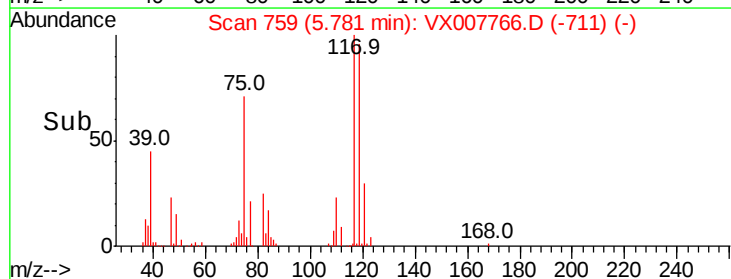
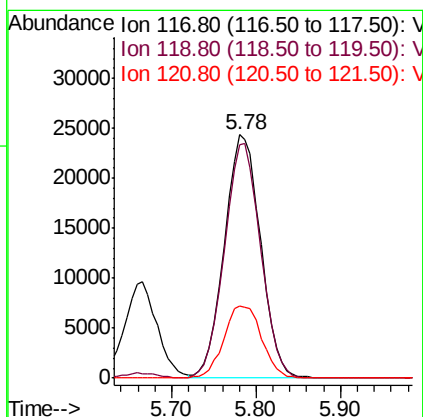
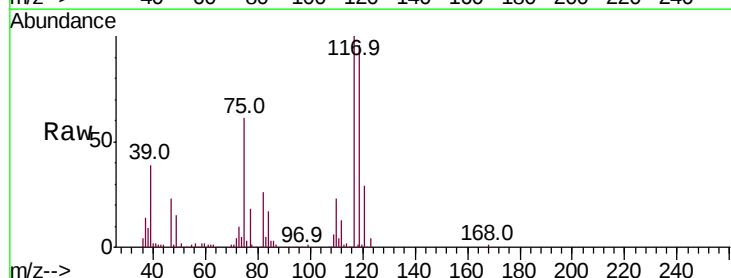
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

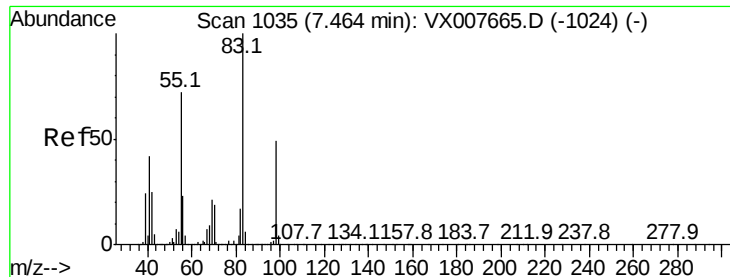
Tot Ion: 43 Resp: 88551
Ion Ratio Lower Upper
43 100
61 14.1 11.3 16.9
70 10.6 8.6 13.0



#38
Carbon Tetrachloride
Concen: 17.944 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 117 Resp: 71089
Ion Ratio Lower Upper
117 100
119 96.0 75.3 112.9
121 29.5 25.0 37.4

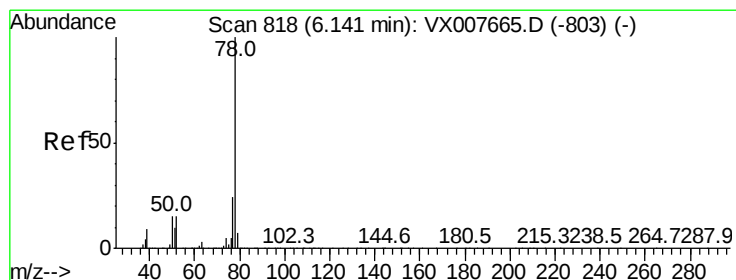
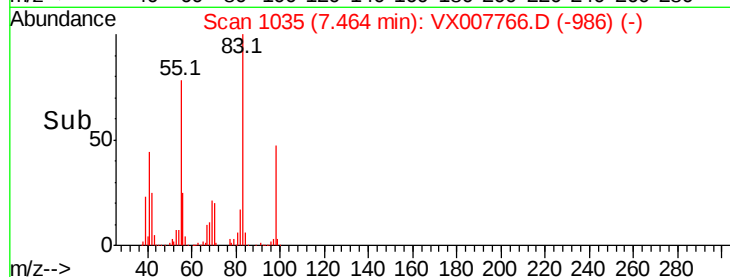
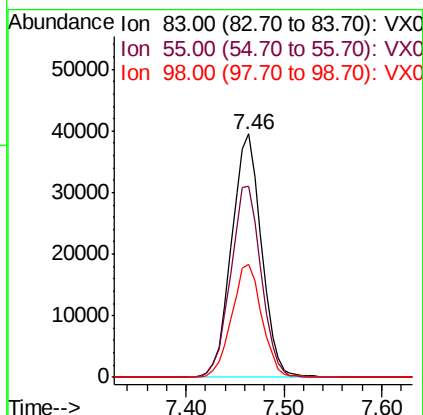
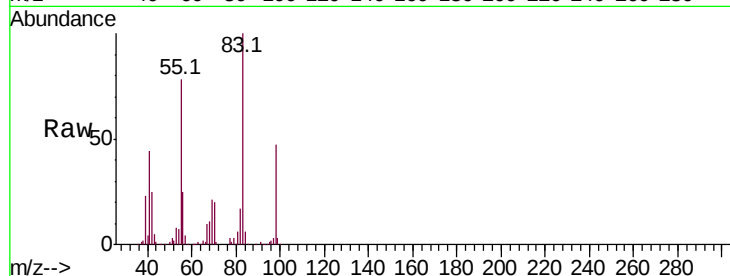




#39
Methvlcvclohexane
Concen: 16.831 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

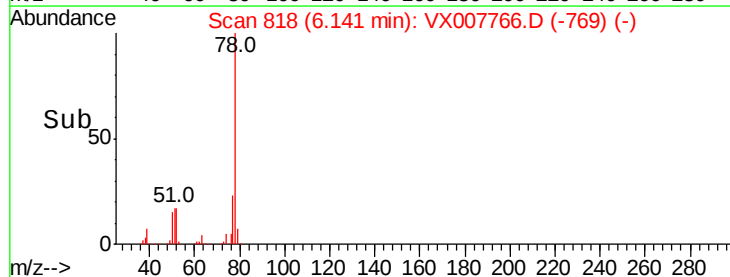
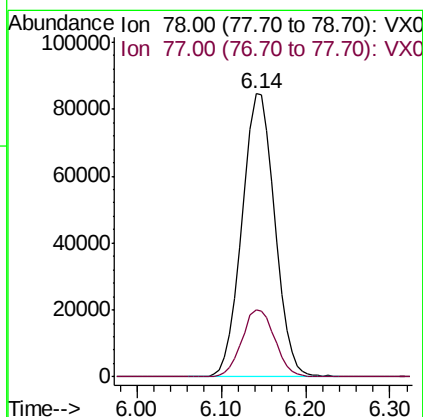
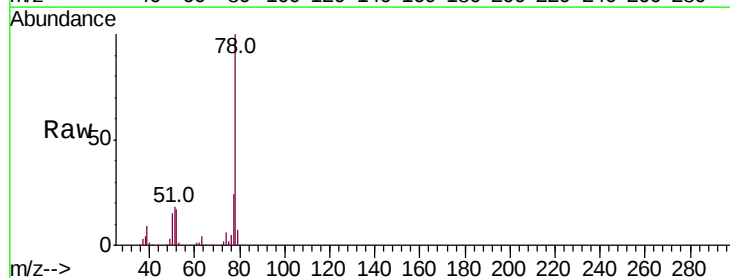
Instrument :
MSVOA_X
ClientSampled :
VX0228WBSD01

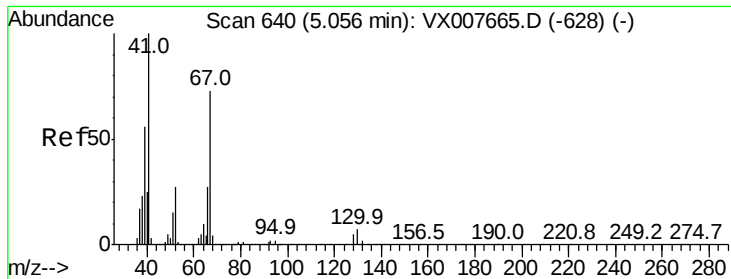
Tot Ion: 83 Resp: 83892
Ion Ratio Lower Upper
83 100
55 78.4 56.2 84.2
98 46.7 36.8 55.2



#40
Benzene
Concen: 18.331 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 78 Resp: 223171
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

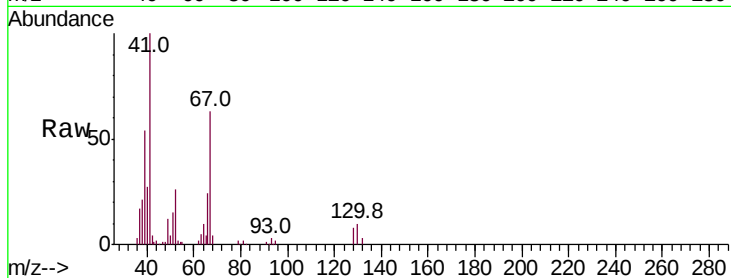




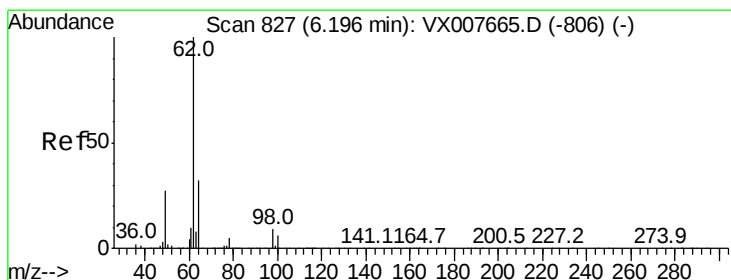
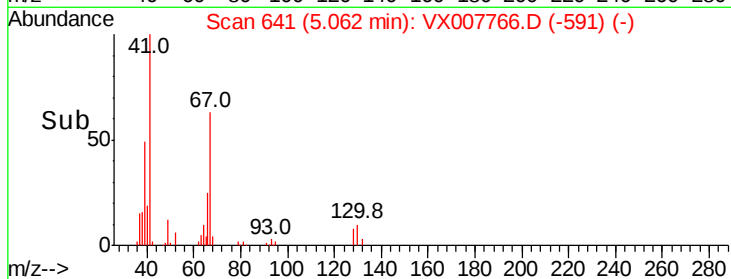
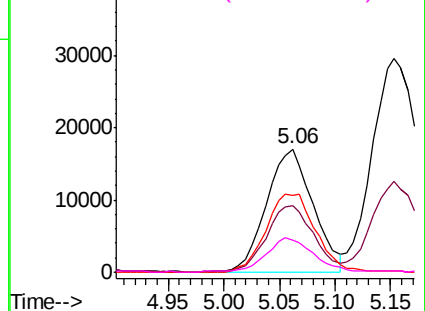
#41
Methacrylonitrile
Concen: 21.127 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion:	41	Resp:	49425
Ion	Ratio	Lower	Upper
41	100		
39	54.5	44.5	66.7
67	68.7	60.4	90.6
52	29.0	24.1	36.1

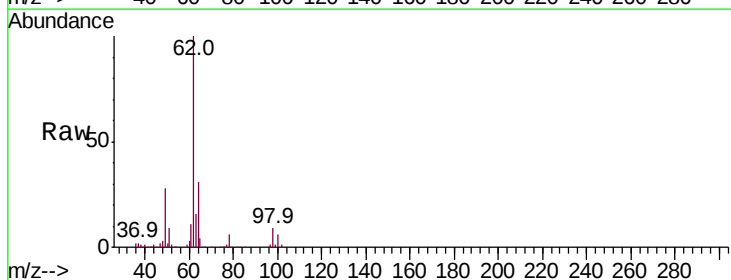


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

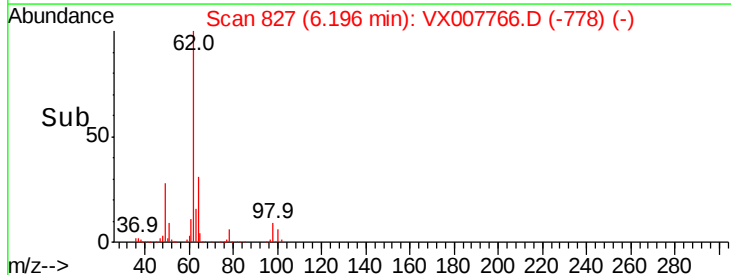
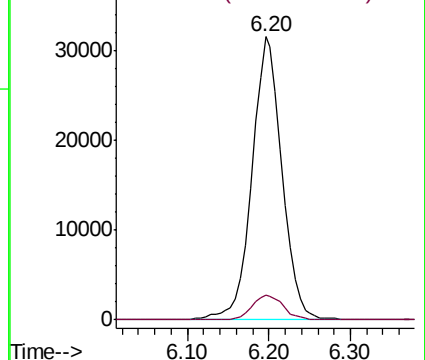


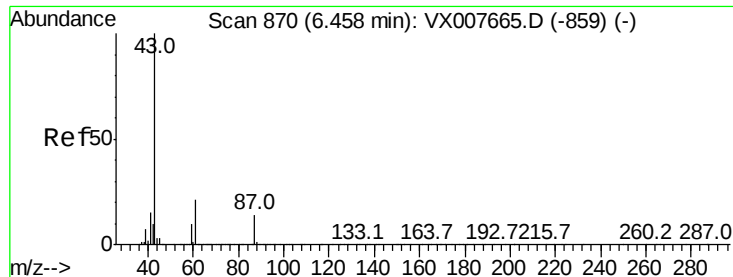
#42
1,2-Dichloroethane
Concen: 19.598 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion:	62	Resp:	80193
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.935 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

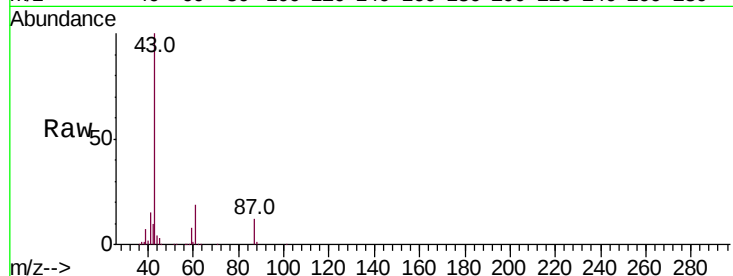
Tot Ion: 43 Resp: 134415

Ion Ratio Lower Upper

43 100

61 19.5 16.1 24.1

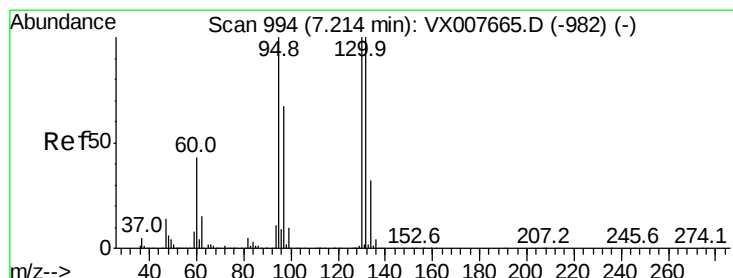
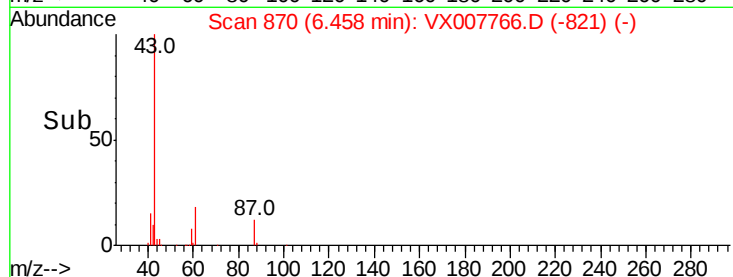
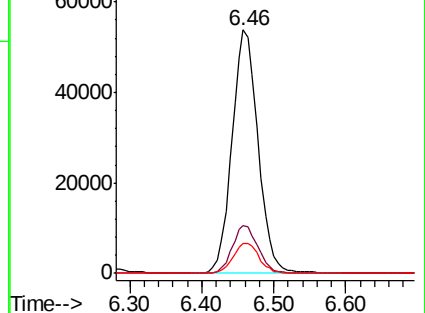
87 12.5 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.198 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007766.D

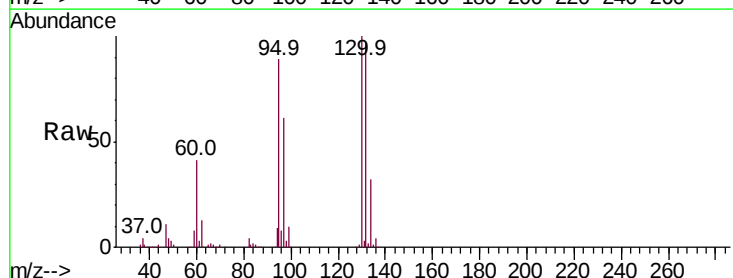
Acq: 28 Feb 2019 15:05

Tgt Ion:130 Resp: 60946

Ion Ratio Lower Upper

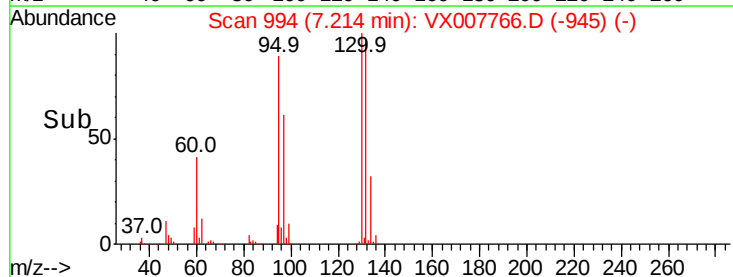
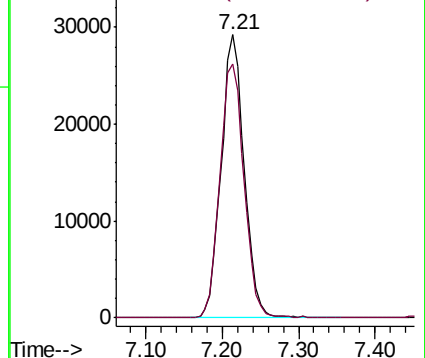
130 100

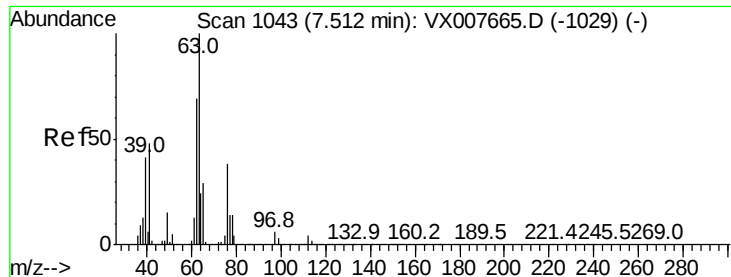
95 89.5 0.0 180.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.025 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

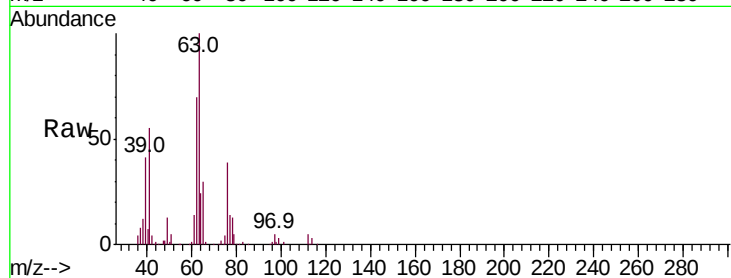
VX0228WBSD01

Tot Ion: 63 Resp: 59999

Ion Ratio Lower Upper

63 100

65 30.0 24.2 36.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

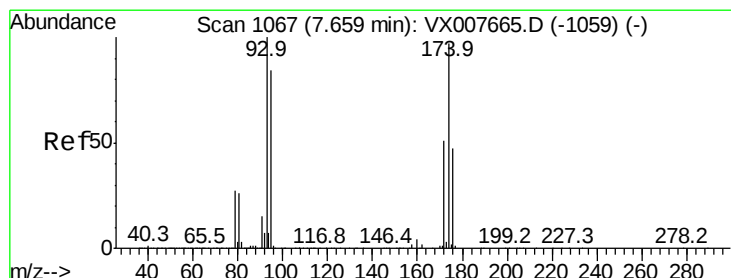
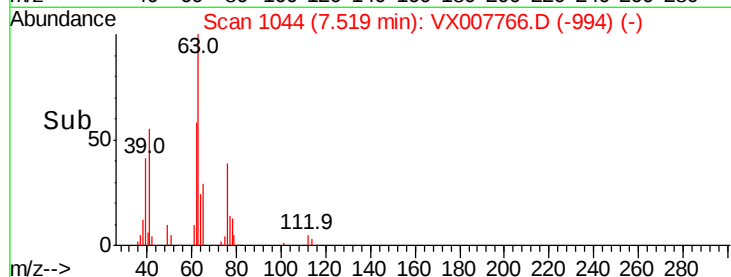
20000

10000

0

7.40 7.50 7.60

Time-->



#46

Dibromomethane

Concen: 17.481 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

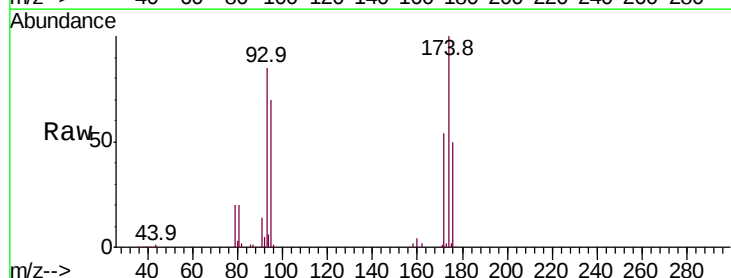
Tgt Ion: 93 Resp: 38461

Ion Ratio Lower Upper

93 100

95 81.8 67.6 101.4

174 117.8 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

30000

25000

20000

15000

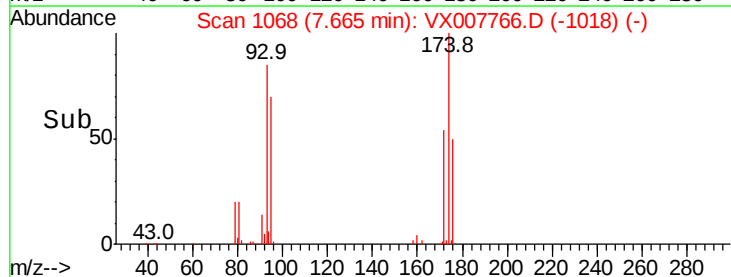
10000

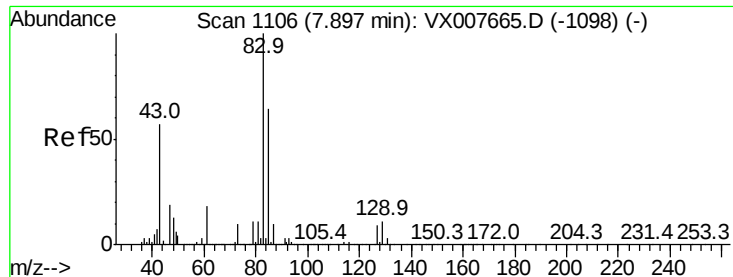
5000

0

7.60 7.70 7.80

Time-->





#47

Bromodichloromethane

Concen: 18.376 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

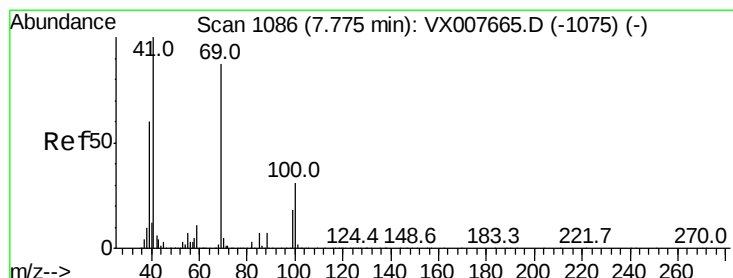
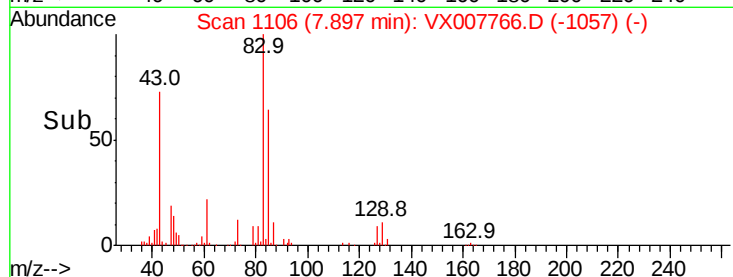
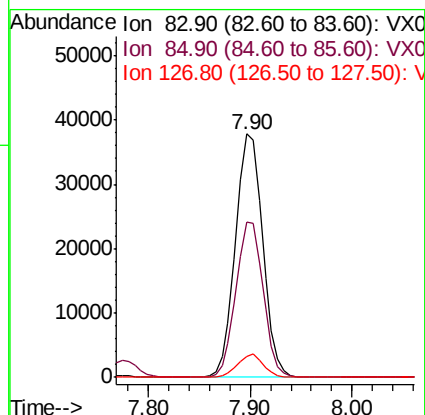
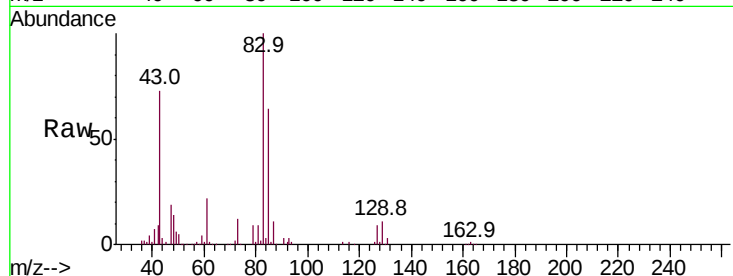
Tot Ion: 83 Resp: 70062

Ion Ratio Lower Upper

83 100

85 63.8 51.4 77.0

127 8.5 8.1 12.1



#48

Methyl methacrylate

Concen: 20.503 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

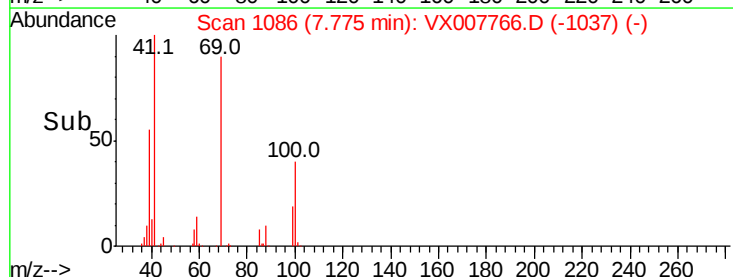
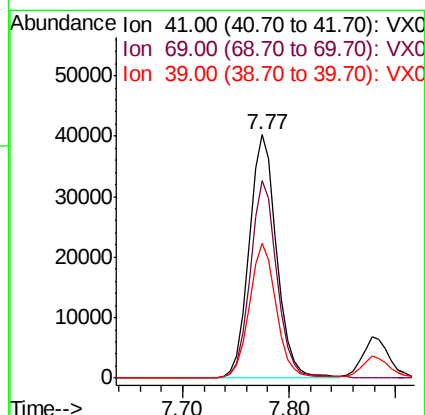
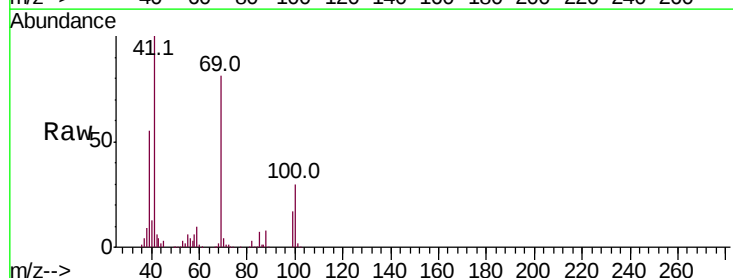
Tgt Ion: 41 Resp: 72464

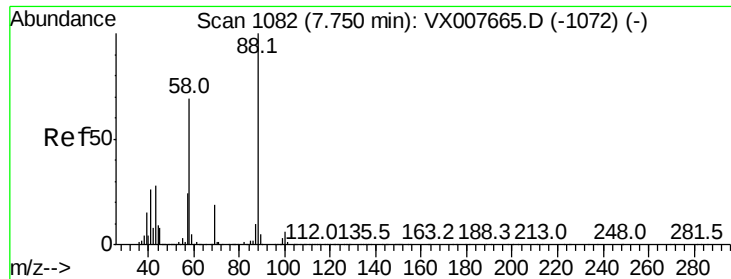
Ion Ratio Lower Upper

41 100

69 80.1 70.2 105.4

39 54.2 47.4 71.0

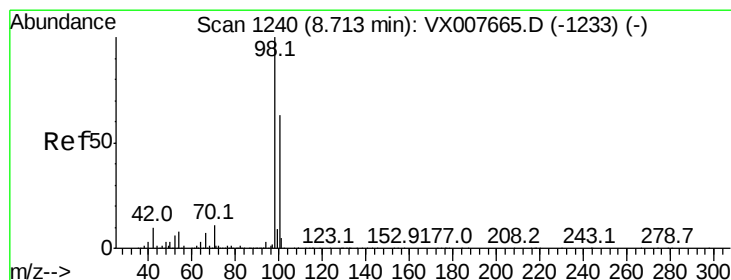
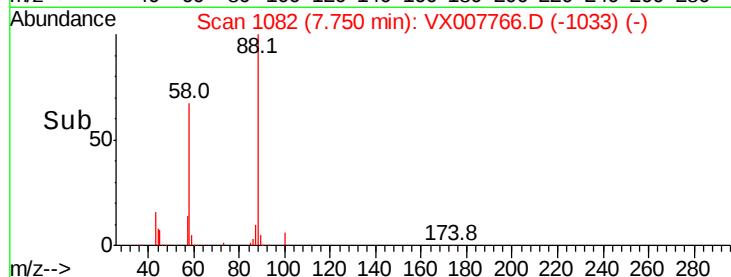
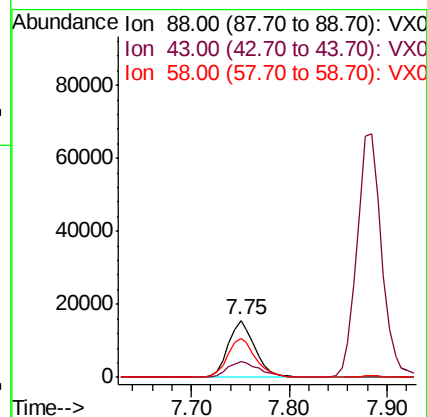
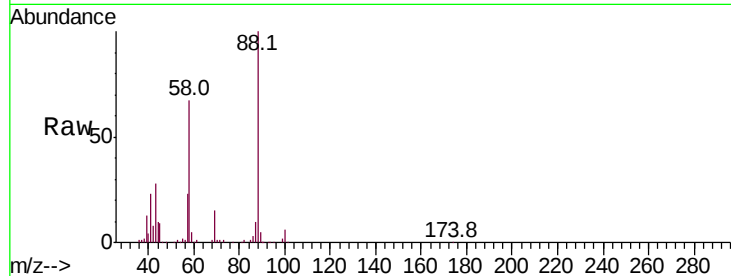




#49
1,4-Dioxane
Concen: 384.970 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

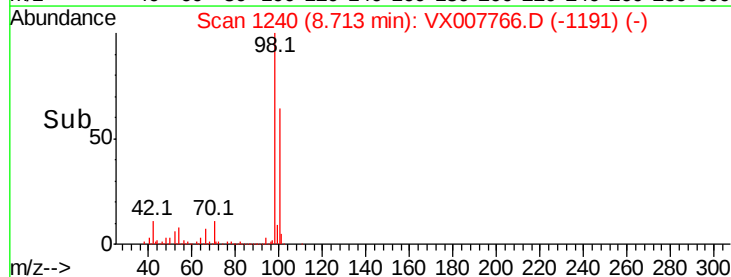
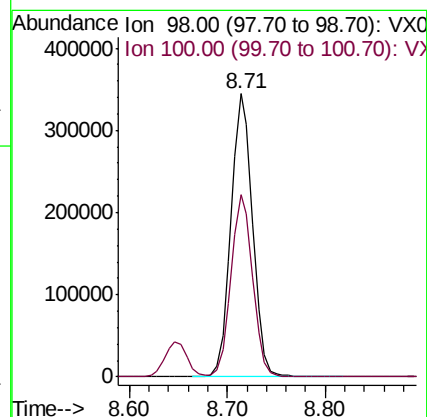
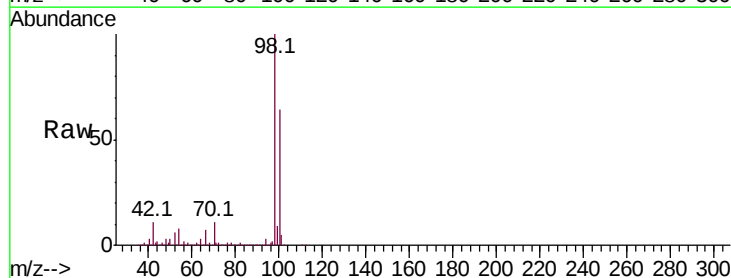
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

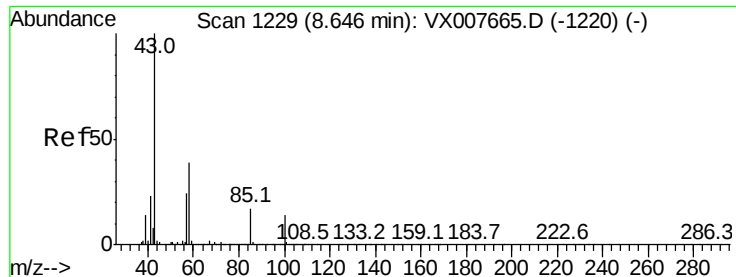
Tot Ion: 88 Resp: 29387
Ion Ratio Lower Upper
88 100
43 34.6 24.2 36.4
58 72.5 53.0 79.4



#50
Toluene-d8
Concen: 46.833 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 98 Resp: 525762
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 102.619 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

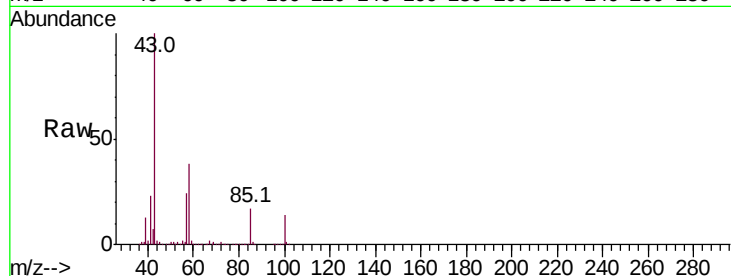
VX0228WBSD01

Tot Ion: 43 Resp: 463152

Ion Ratio Lower Upper

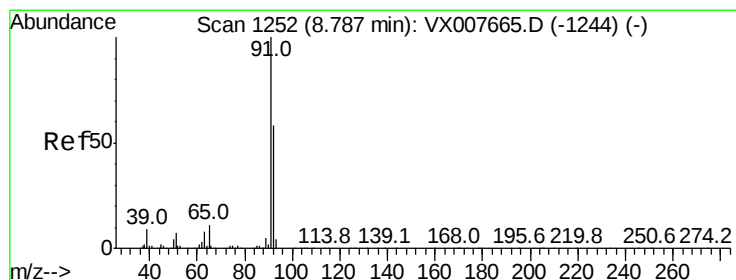
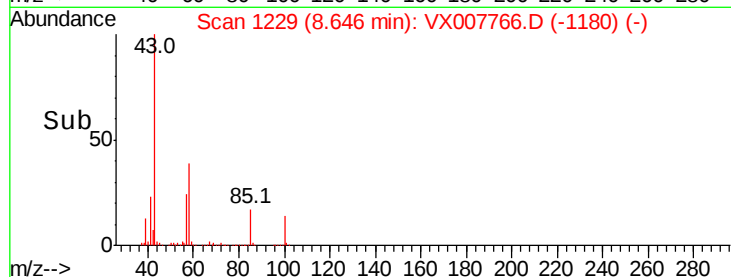
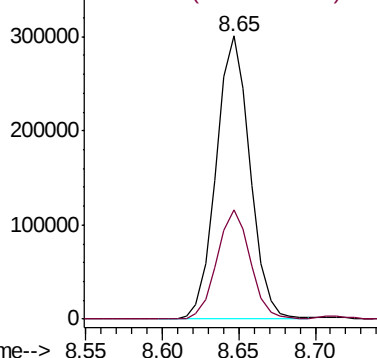
43 100

58 37.9 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.200 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007766.D

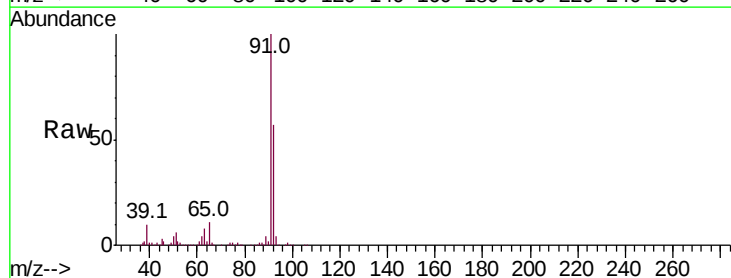
Acq: 28 Feb 2019 15:05

Tgt Ion: 92 Resp: 139723

Ion Ratio Lower Upper

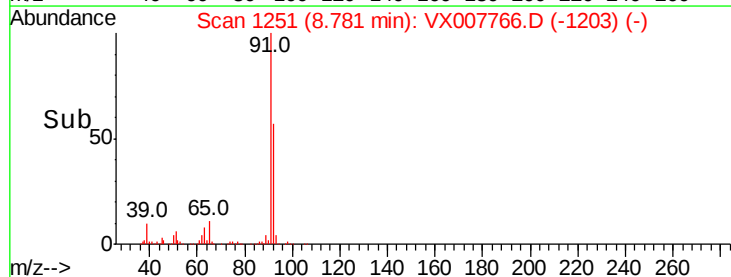
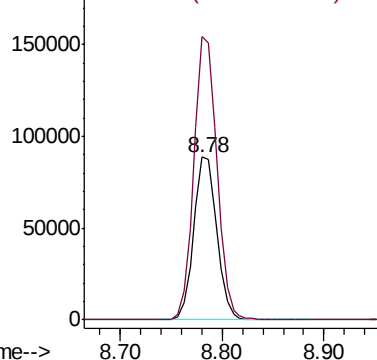
92 100

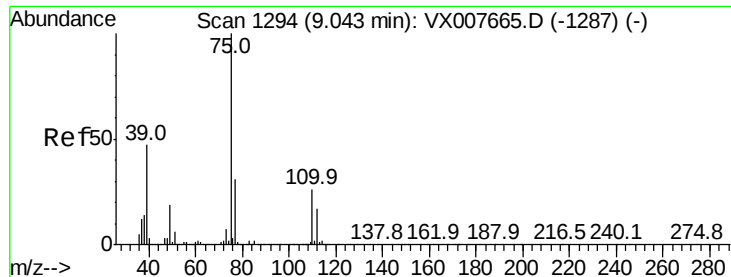
91 174.0 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.658 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

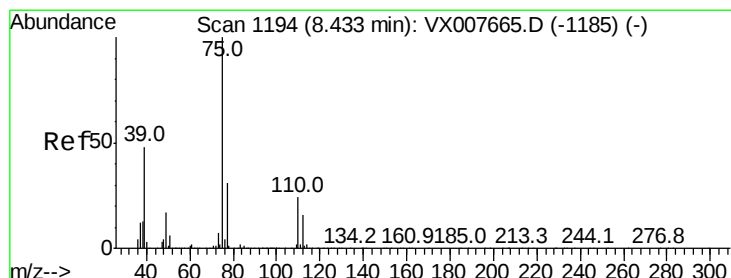
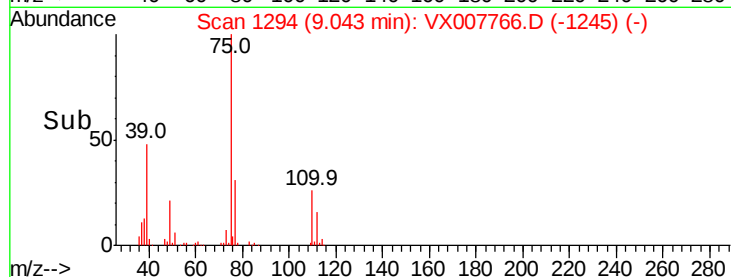
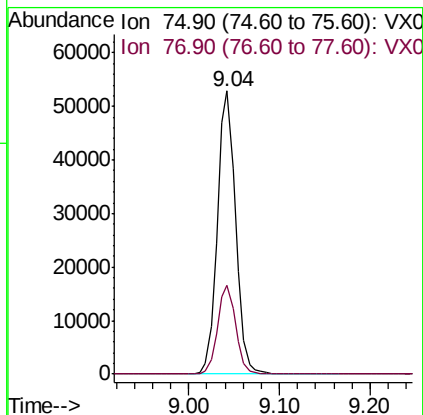
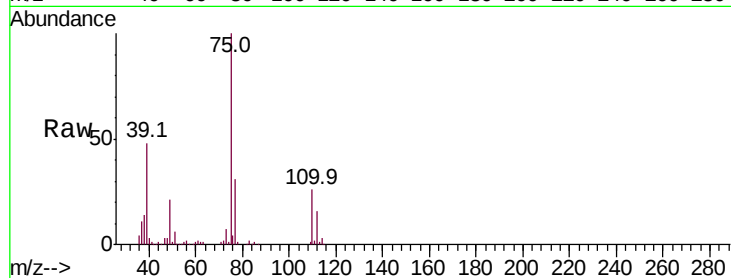
VX0228WBSD01

Tot Ion: 75 Resp: 74595

Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 17.889 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

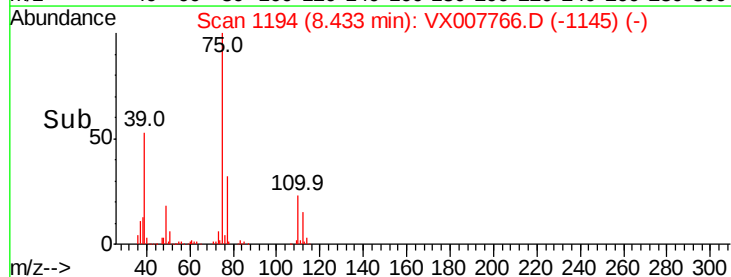
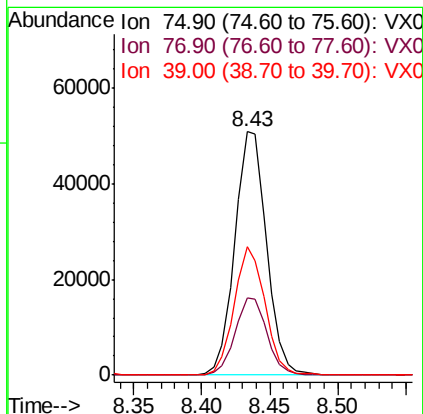
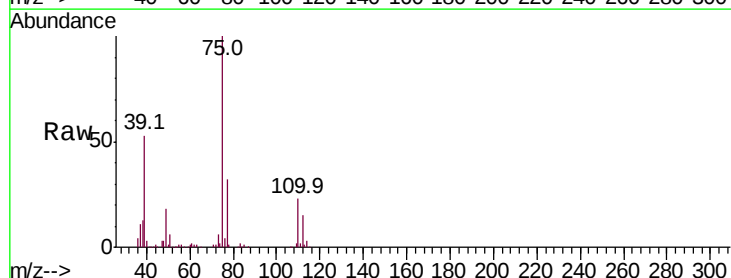
Tgt Ion: 75 Resp: 82772

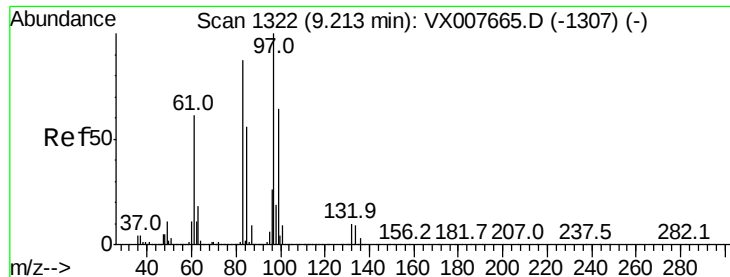
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.4

39 52.7 37.1 55.7





#55

1,1,2-Trichloroethane

Concen: 17.955 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 97 Resp: 57481

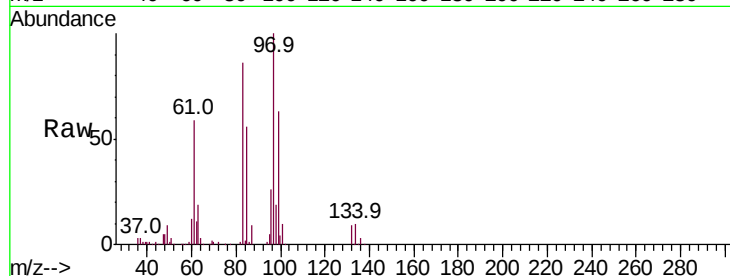
Ion Ratio Lower Upper

97 100

83 86.0 68.6 102.8

85 55.6 44.5 66.7

99 62.9 52.2 78.4

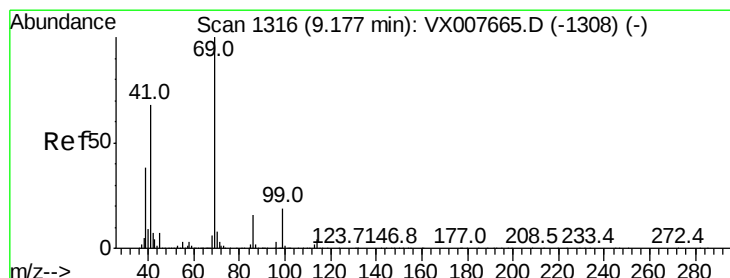
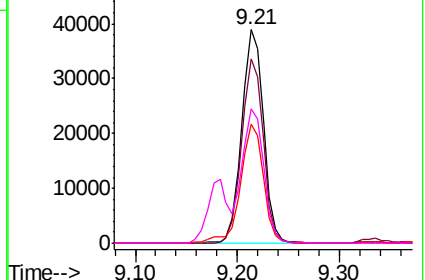
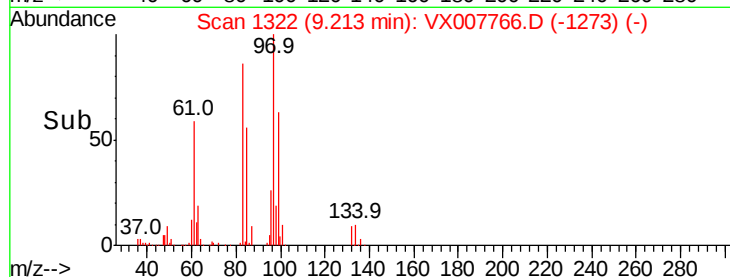


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 18.783 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

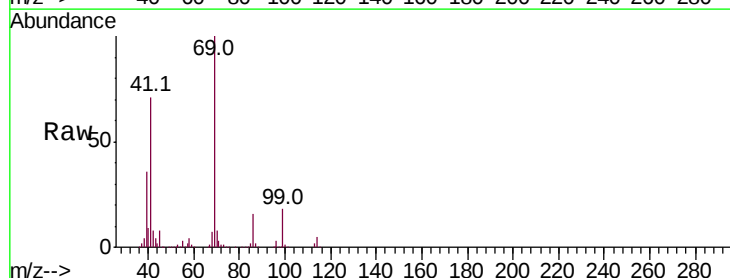
Tgt Ion: 69 Resp: 85512

Ion Ratio Lower Upper

69 100

41 69.6 52.1 78.1

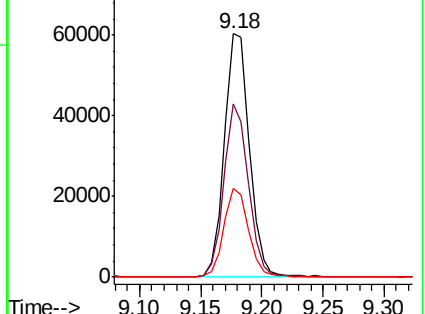
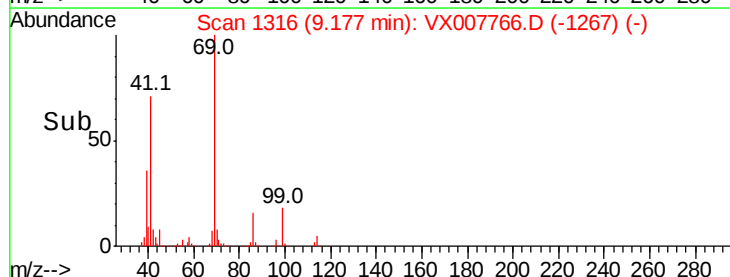
39 35.8 30.1 45.1

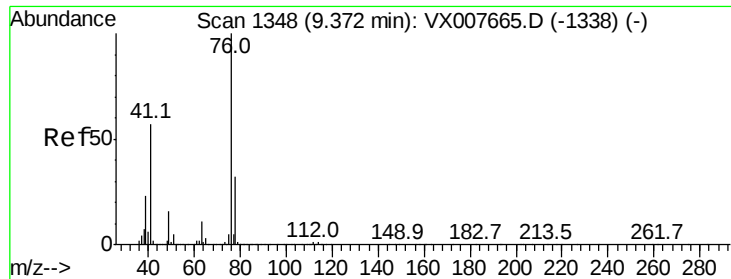


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 18.936 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

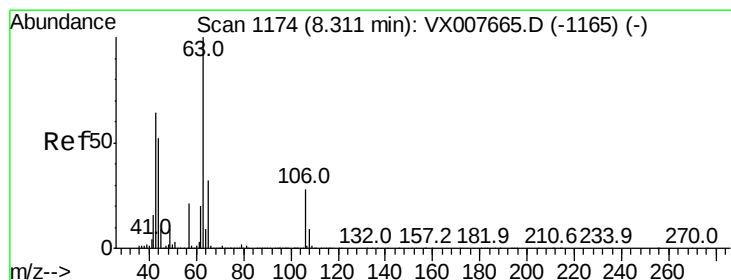
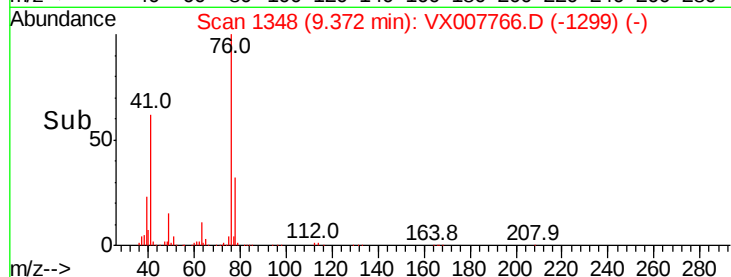
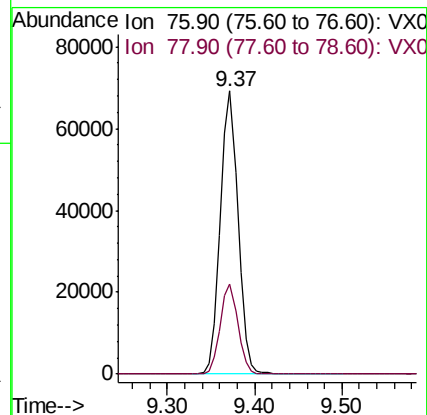
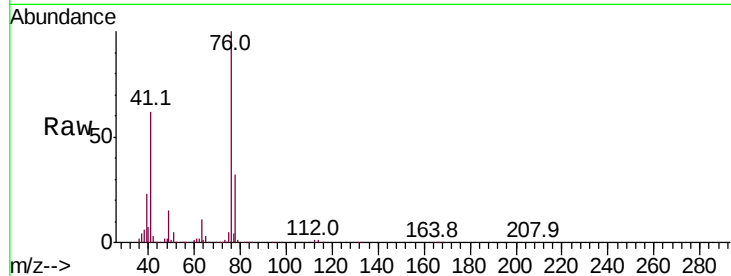
VX0228WBSD01

Tot Ion: 76 Resp: 97040

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 100.065 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007766.D

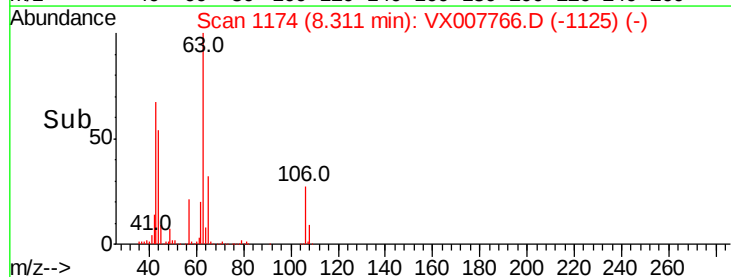
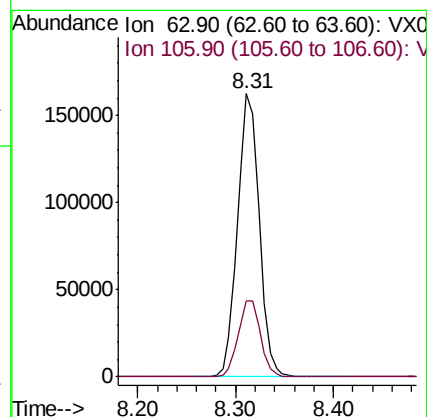
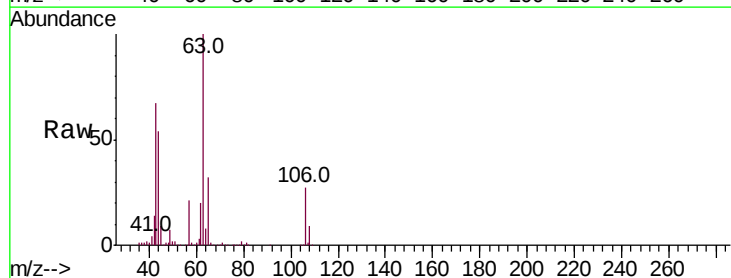
Acq: 28 Feb 2019 15:05

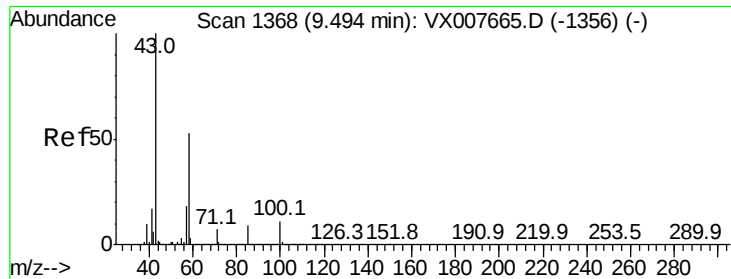
Tgt Ion: 63 Resp: 251213

Ion Ratio Lower Upper

63 100

106 27.9 23.6 35.4

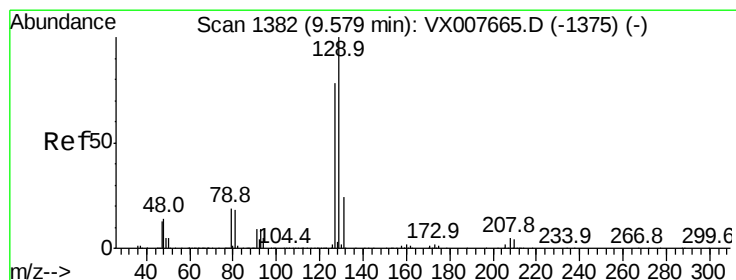
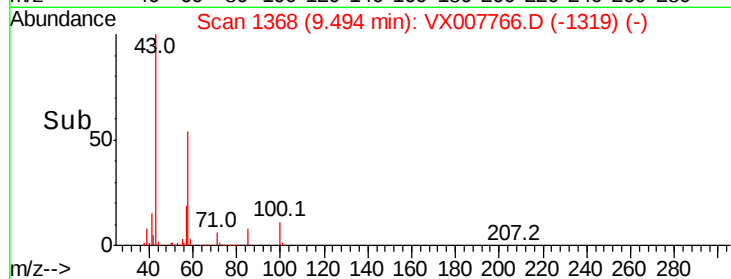
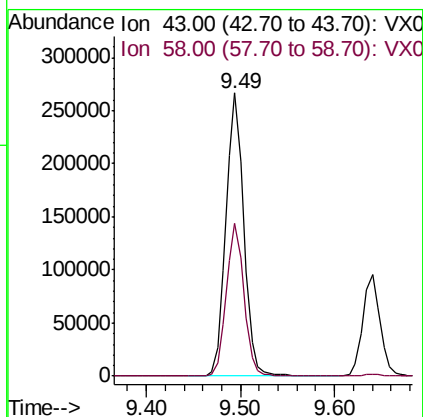
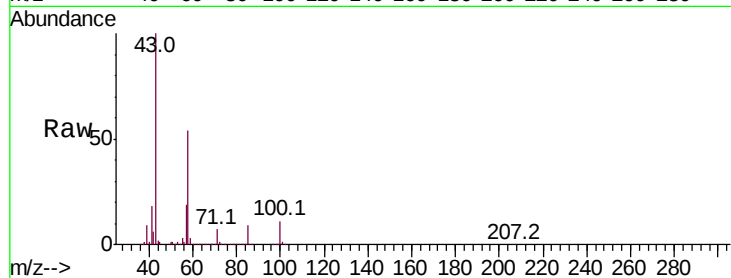




#59
2-Hexanone
Concen: 99.288 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

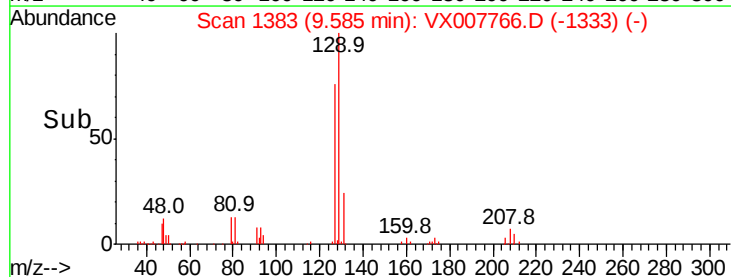
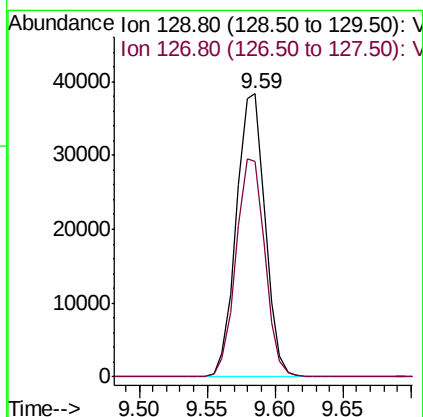
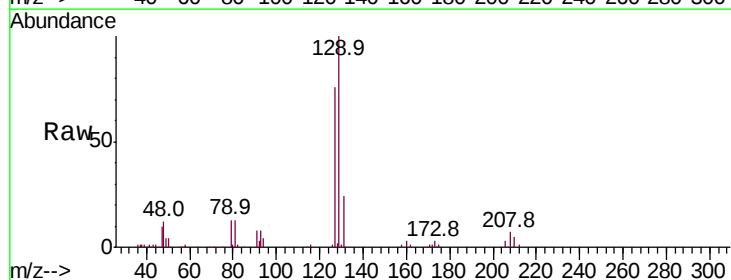
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

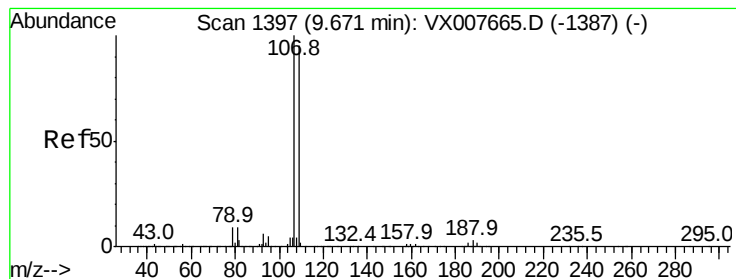
Tot Ion: 43 Resp: 351813
Ion Ratio Lower Upper
43 100
58 53.1 27.1 81.3



#60
Dibromochloromethane
Concen: 18.358 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion: 129 Resp: 56552
Ion Ratio Lower Upper
129 100
127 77.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 18.152 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

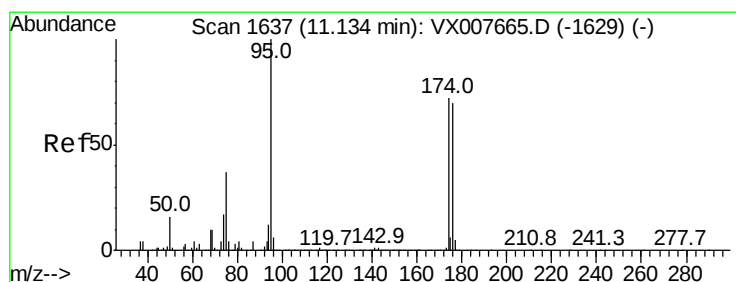
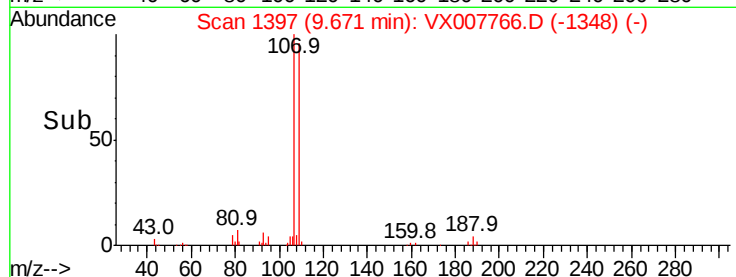
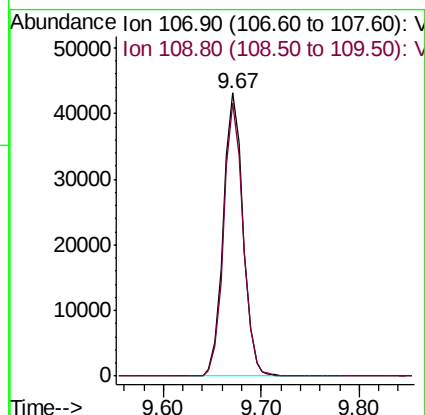
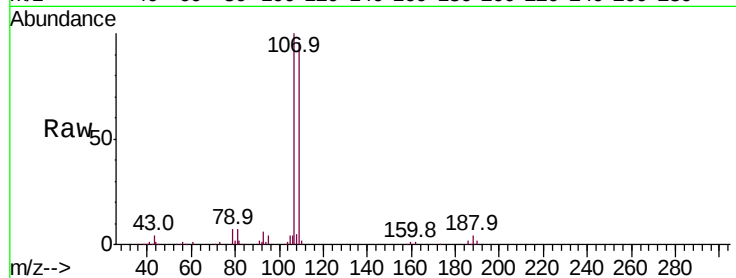
VX0228WBSD01

Tot Ion:107 Resp: 60334

Ion Ratio Lower Upper

107 100

109 95.3 75.1 112.7



#62

4-Bromofluorobenzene

Concen: 45.546 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

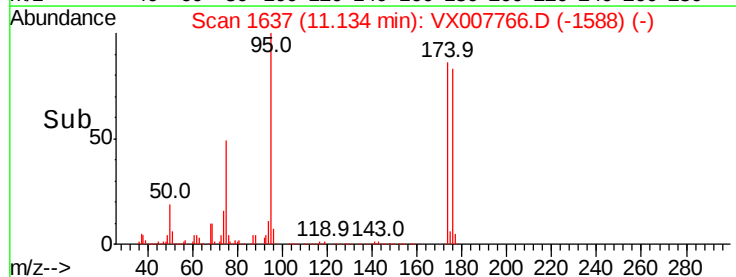
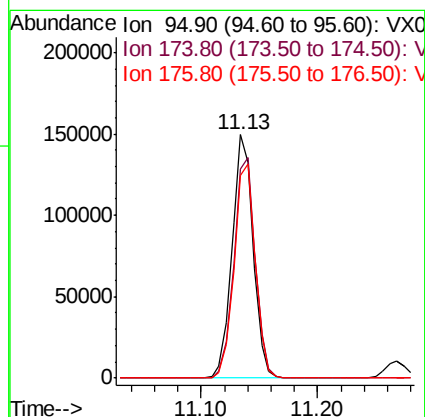
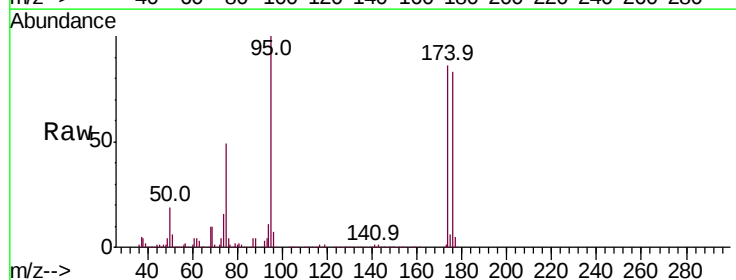
Tgt Ion: 95 Resp: 187671

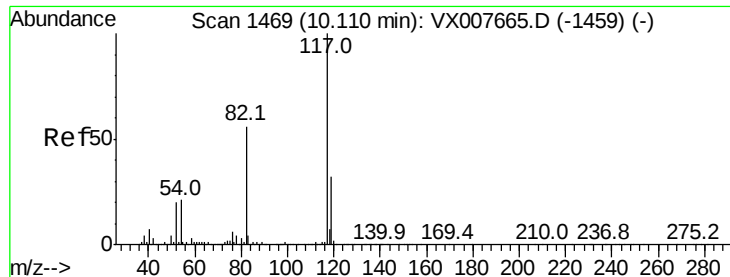
Ion Ratio Lower Upper

95 100

174 92.3 0.0 189.2

176 89.5 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

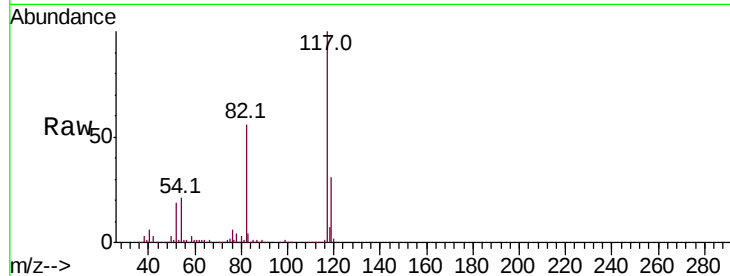
Tot Ion:117 Resp: 397690

Ion Ratio Lower Upper

117 100

82 55.5 42.1 63.1

119 31.4 26.5 39.7

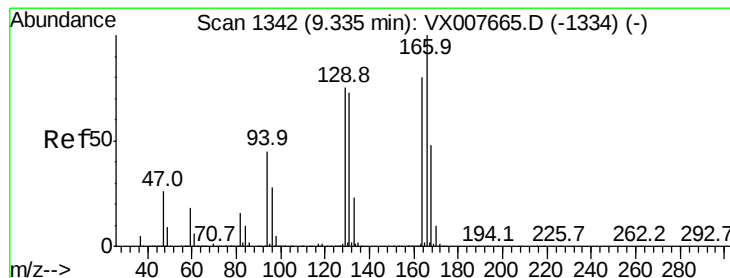
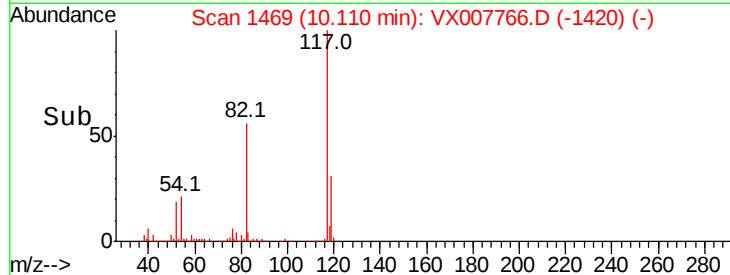
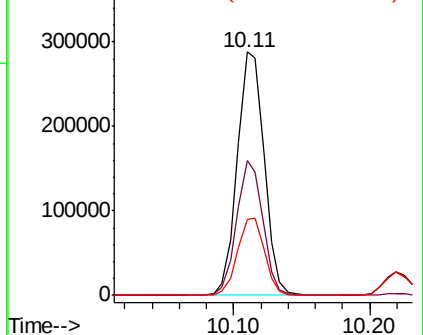


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.200 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion:164 Resp: 61988

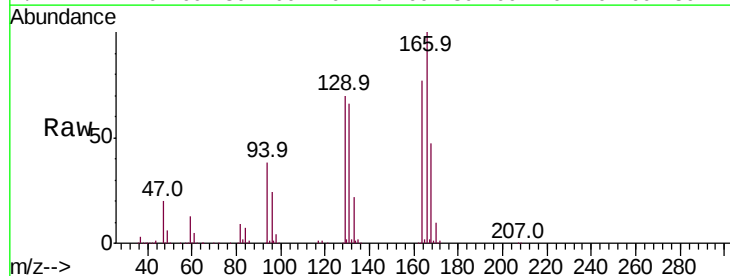
Ion Ratio Lower Upper

164 100

166 129.1 101.0 151.4

129 90.7 70.5 105.7

131 85.5 69.8 104.6



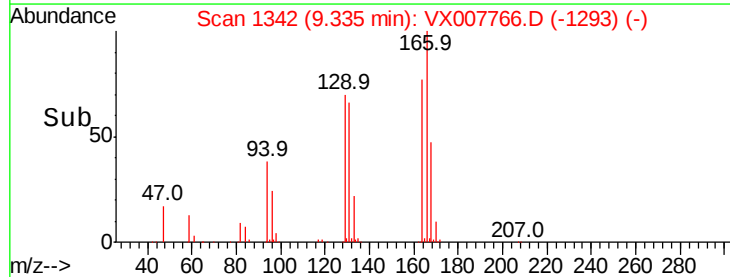
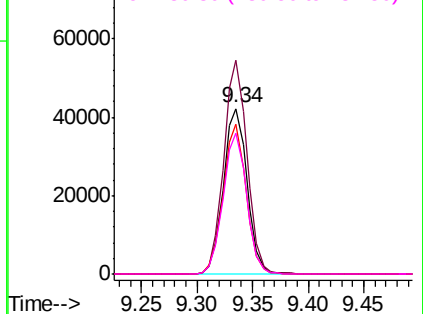
Abundance

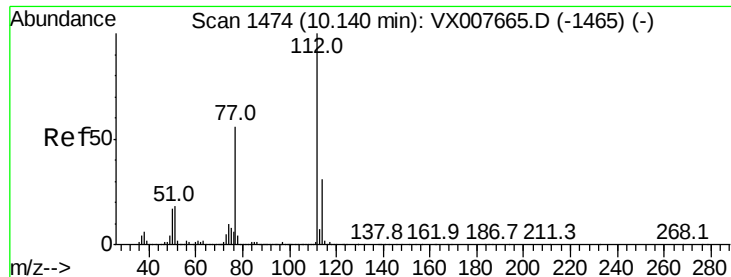
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

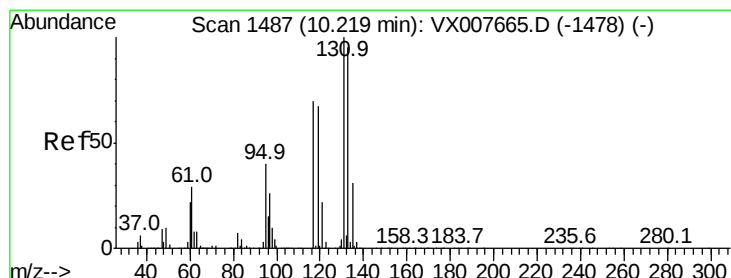
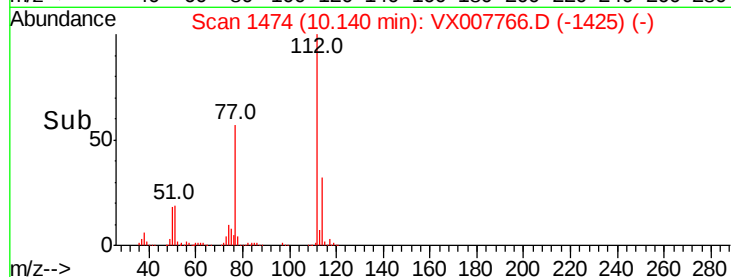
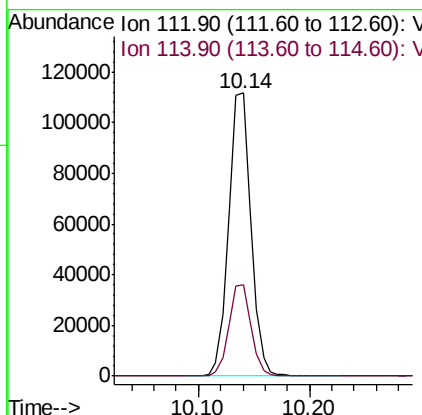
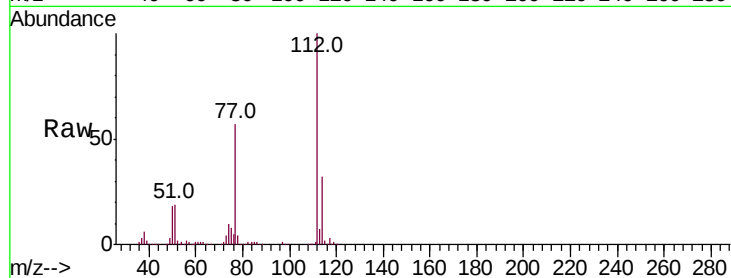




#65
Chlorobenzene
Concen: 18.035 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

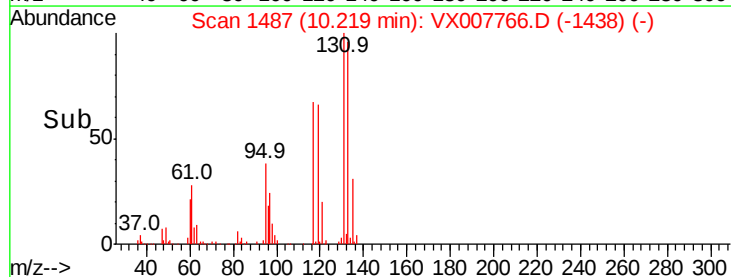
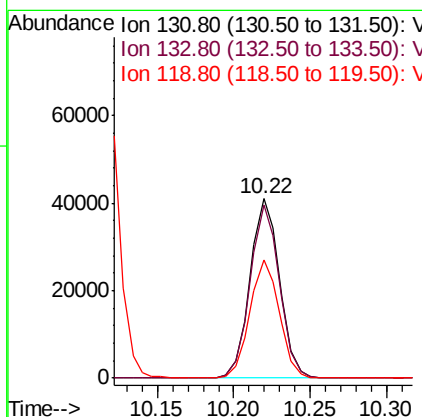
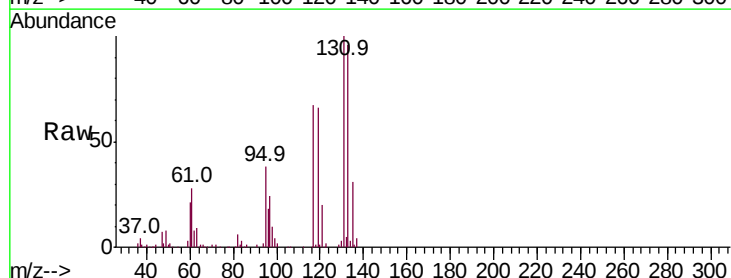
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

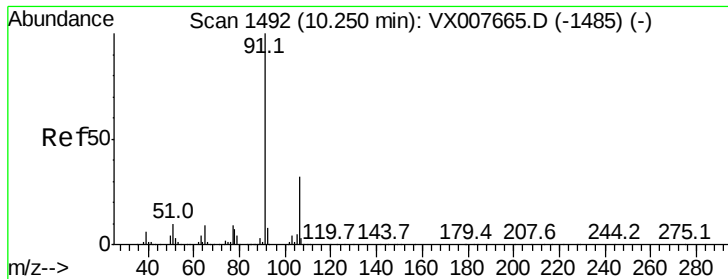
Tot Ion:112 Resp: 155120
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.291 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion:131 Resp: 54879
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.2
119 66.1 32.0 96.0





#67

Ethyl Benzene

Concen: 18.344 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

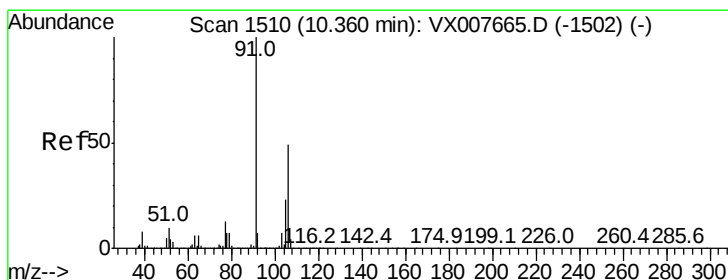
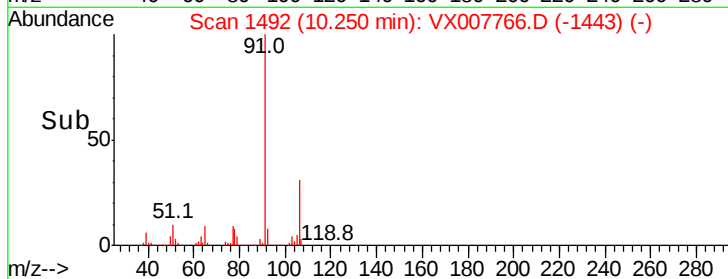
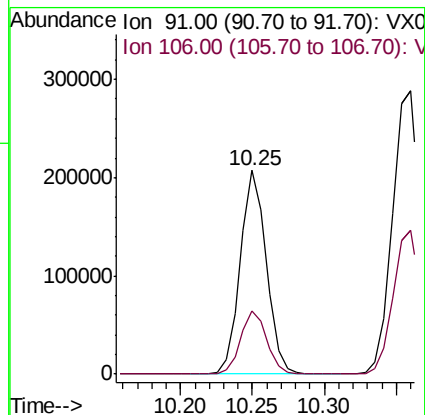
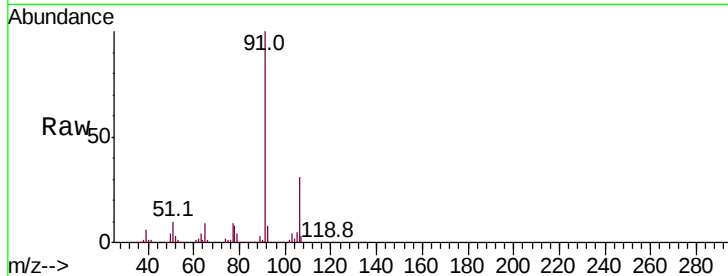
VX0228WBSD01

Tot Ion: 91 Resp: 261373

Ion Ratio Lower Upper

91 100

106 31.1 25.4 38.0



#68

m/p-Xylenes

Concen: 36.063 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007766.D

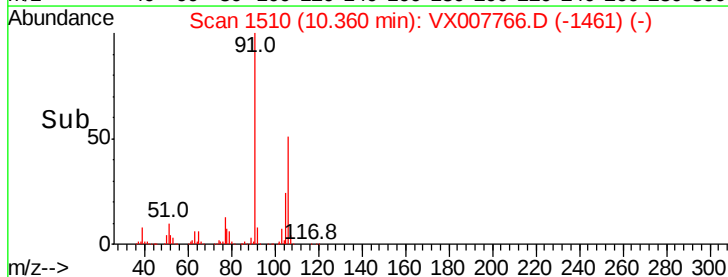
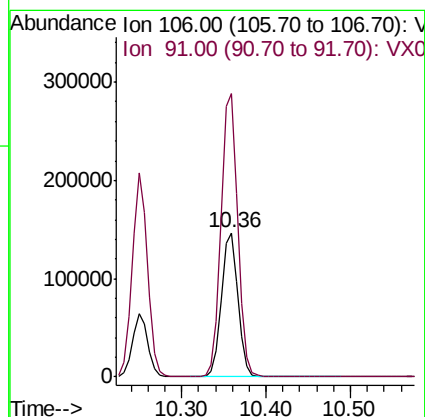
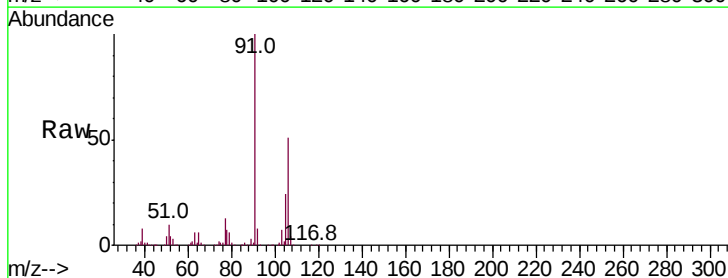
Acq: 28 Feb 2019 15:05

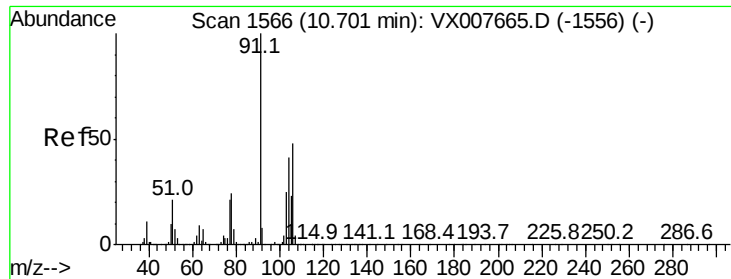
Tgt Ion: 106 Resp: 199902

Ion Ratio Lower Upper

106 100

91 199.2 156.6 234.8

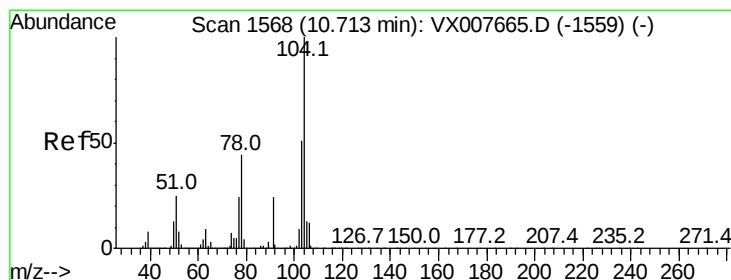
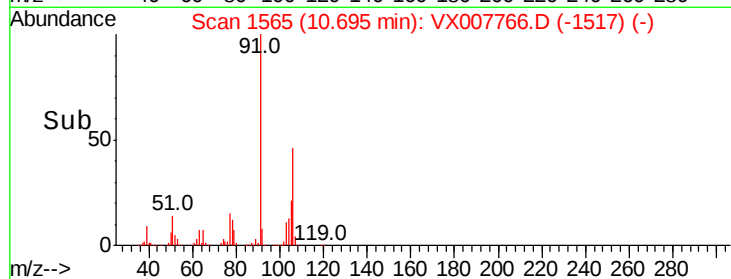
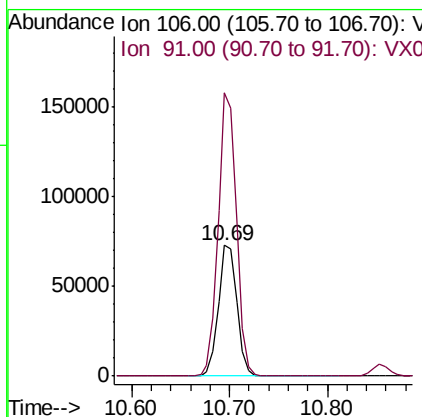
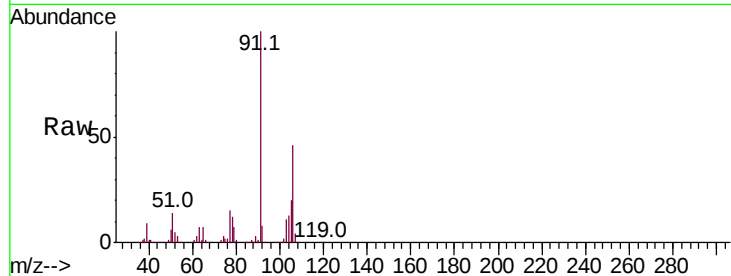




#69
o-Xylene
Concen: 18.020 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

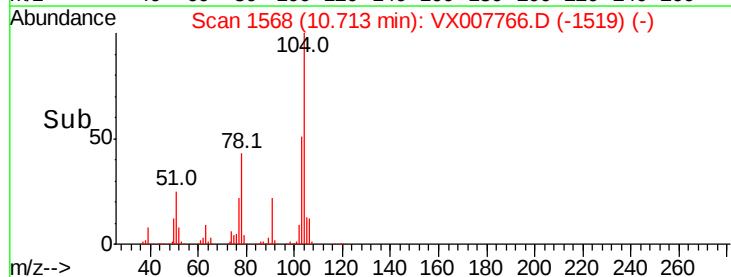
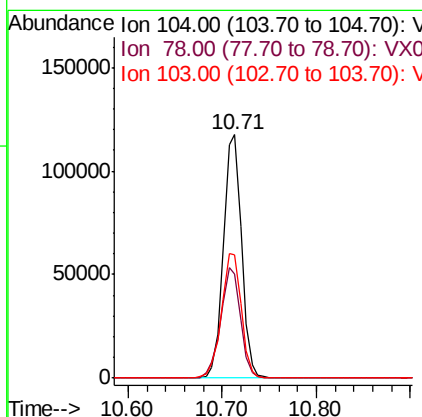
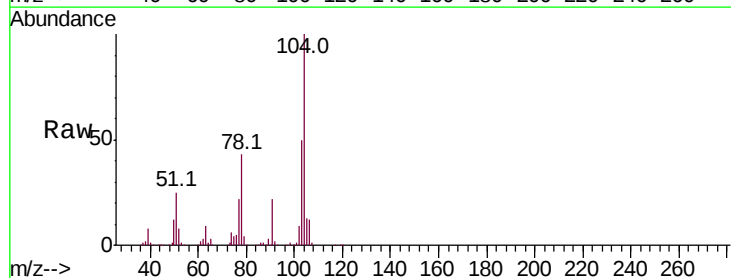
Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

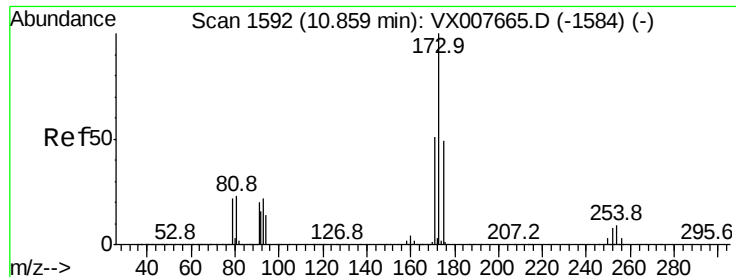
Tot Ion:106 Resp: 96080
Ion Ratio Lower Upper
106 100
91 213.1 102.9 308.7



#70
Styrene
Concen: 17.969 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion:104 Resp: 157476
Ion Ratio Lower Upper
104 100
78 49.1 38.3 57.5
103 55.6 44.6 67.0





#71

Bromoform

Concen: 19.241 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

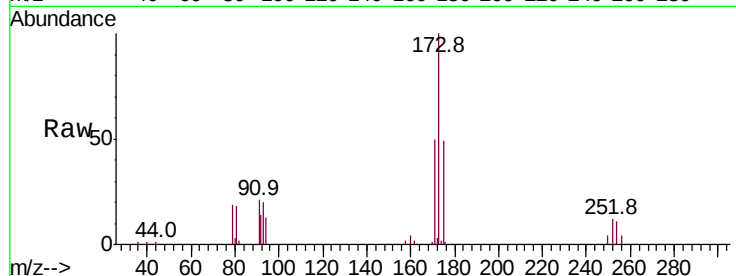
Tot Ion:173 Resp: 43290

Ion Ratio Lower Upper

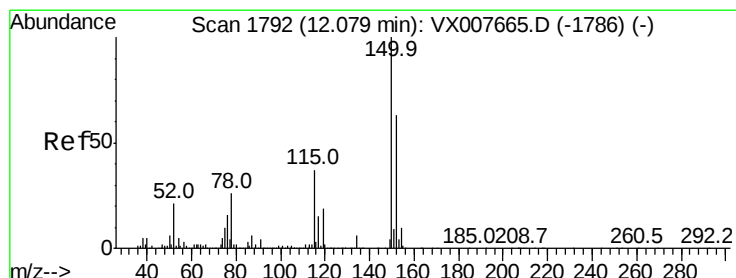
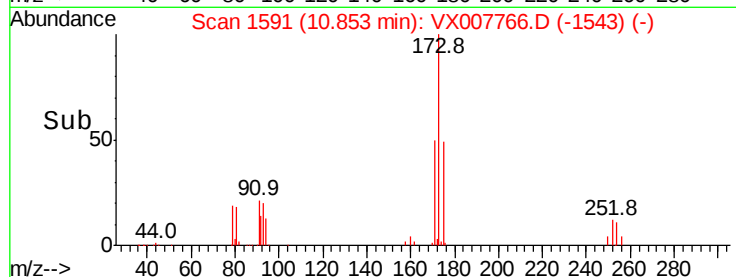
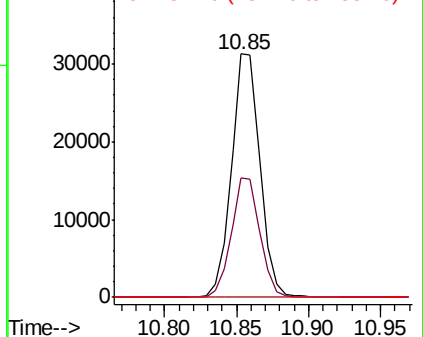
173 100

175 49.1 24.2 72.6

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

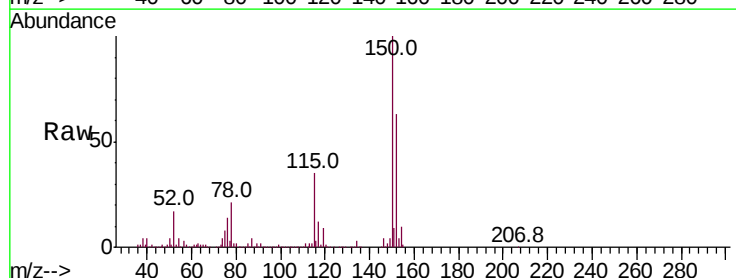
Tgt Ion:152 Resp: 200030

Ion Ratio Lower Upper

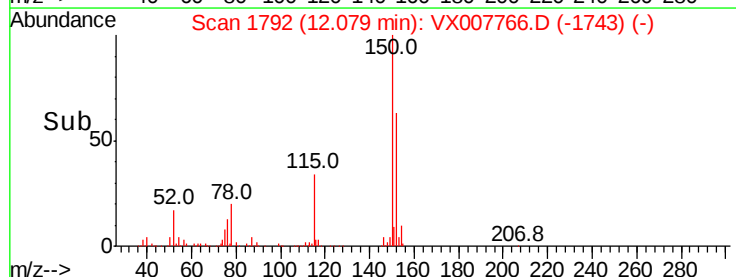
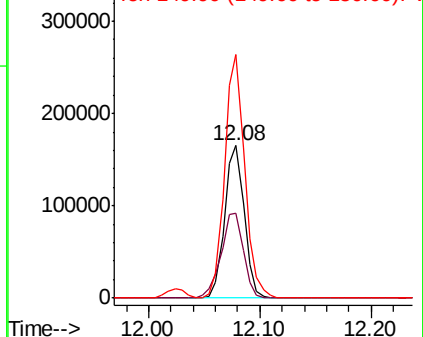
152 100

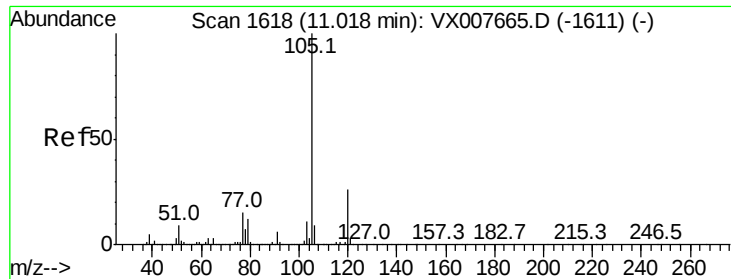
115 63.9 38.0 114.0

150 163.9 0.0 346.4



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





#73

Isopropylbenzene

Concen: 18.071 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

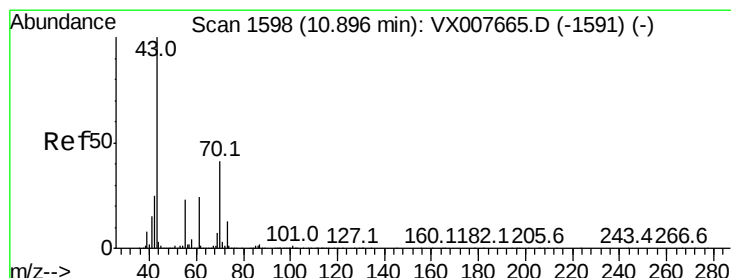
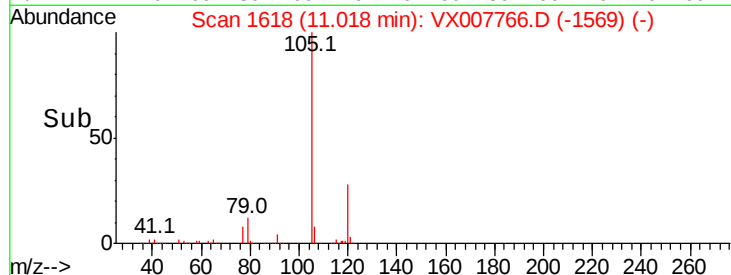
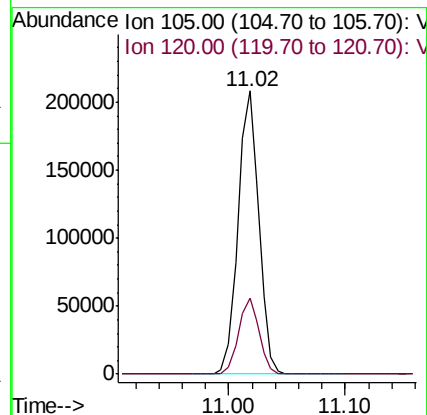
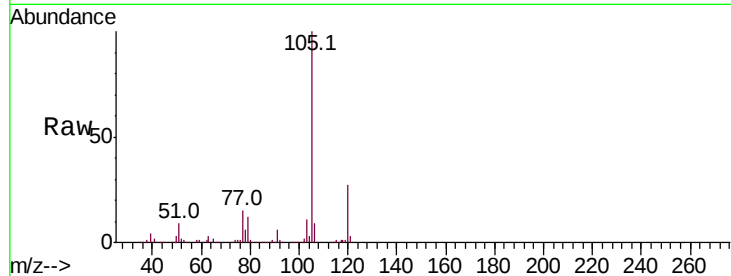
VX0228WBSD01

Tot Ion:105 Resp: 258343

Ion Ratio Lower Upper

105 100

120 26.7 13.6 40.7



#74

N-ethyl acetate

Concen: 18.657 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion: 43 Resp: 115826

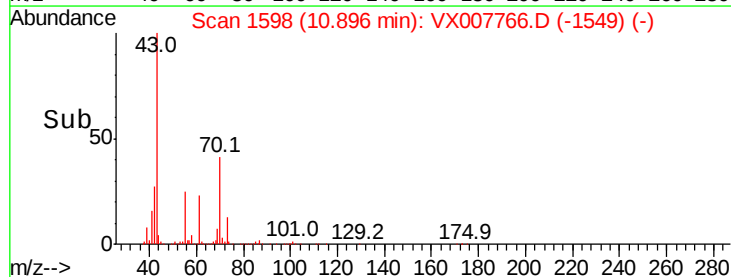
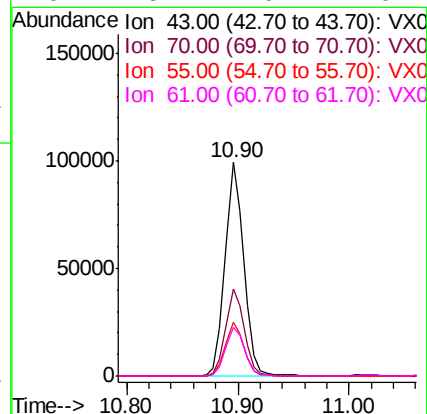
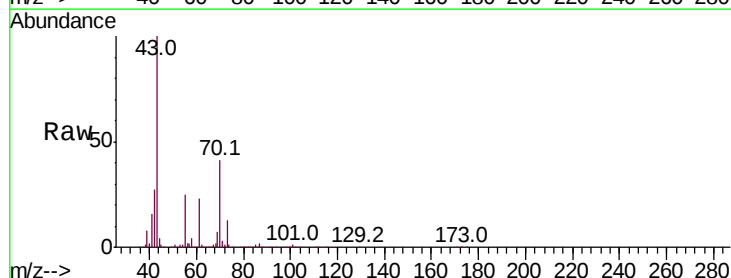
Ion Ratio Lower Upper

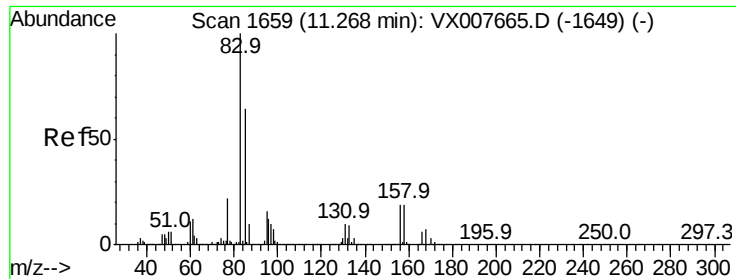
43 100

70 41.3 33.8 50.6

55 25.8 19.5 29.3

61 23.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.604 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

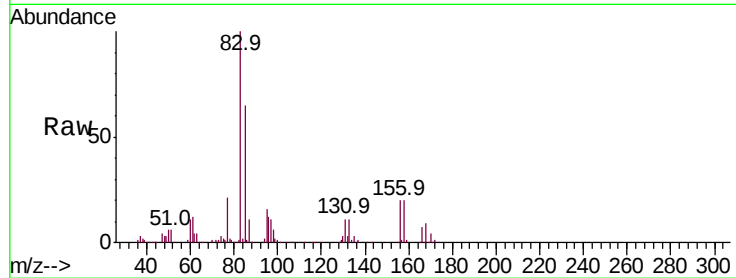
Tot Ion: 83 Resp: 87044

Ion Ratio Lower Upper

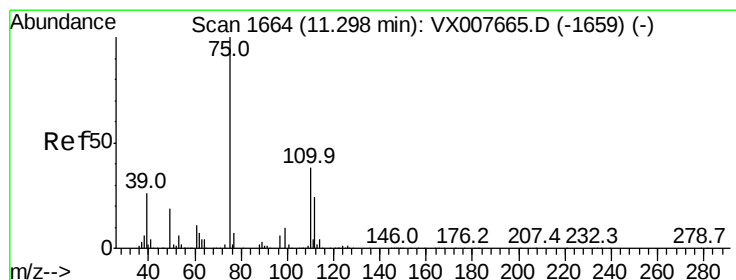
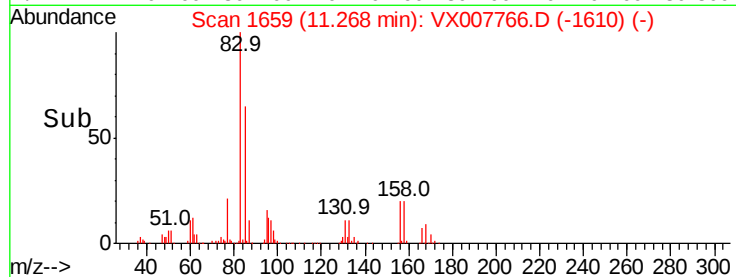
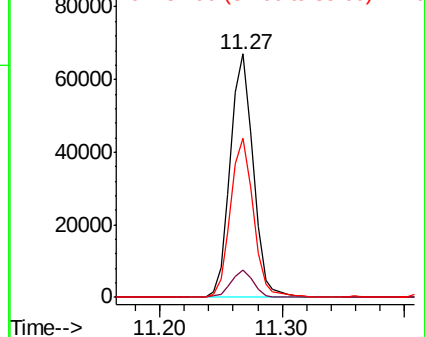
83 100

131 10.9 5.7 17.0

85 65.3 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: 22.955 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007766.D

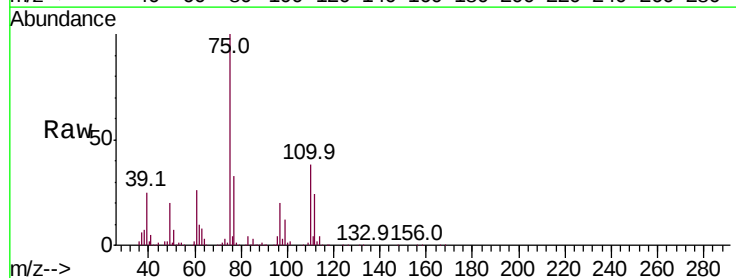
Acq: 28 Feb 2019 15:05

Tgt Ion: 75 Resp: 97876

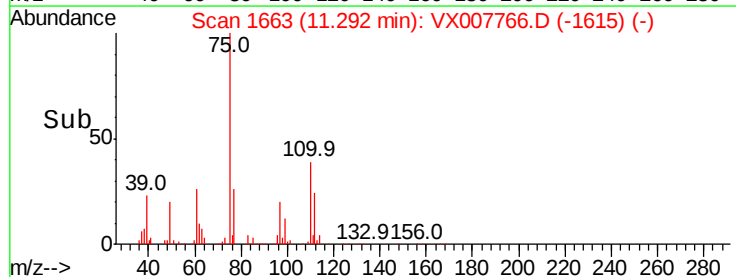
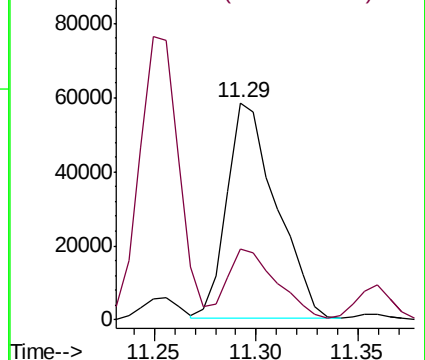
Ion Ratio Lower Upper

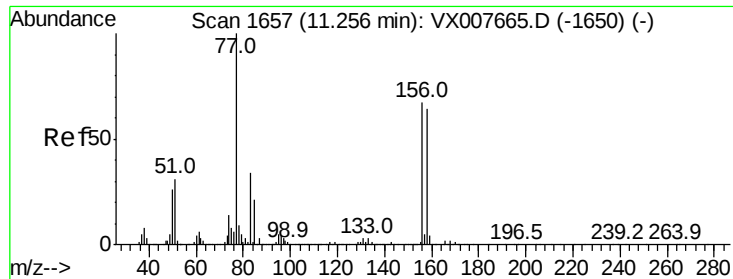
75 100

77 33.2 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: 19.634 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

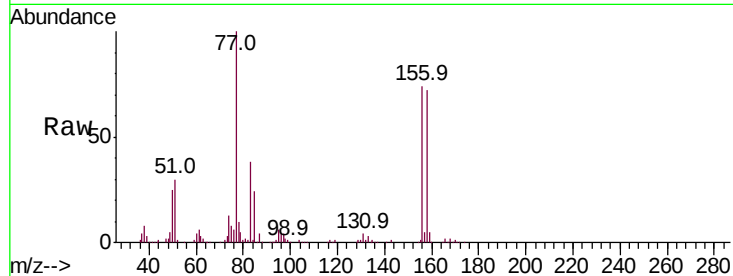
Tot Ion:156 Resp: 70403

Ion Ratio Lower Upper

156 100

77 144.8 66.8 200.6

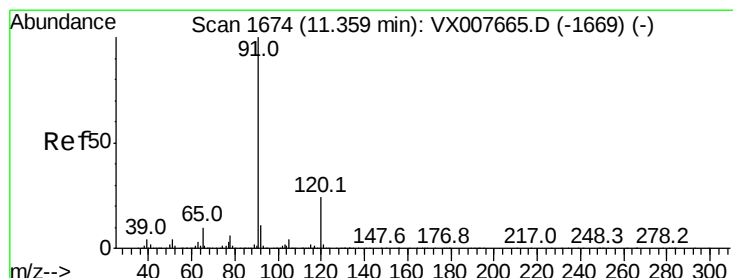
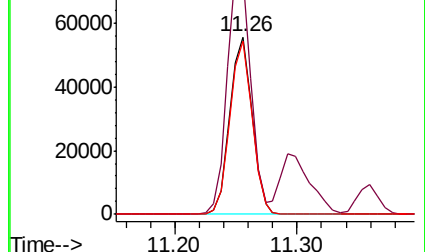
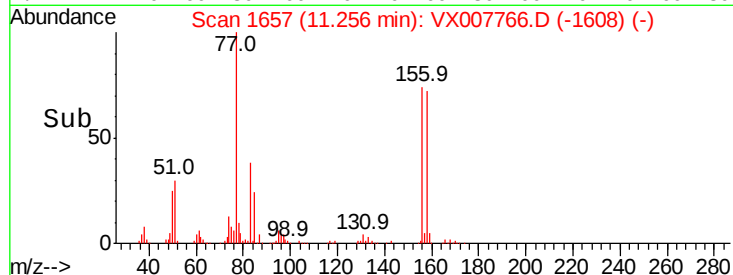
158 96.7 47.9 143.8



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: 17.662 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007766.D

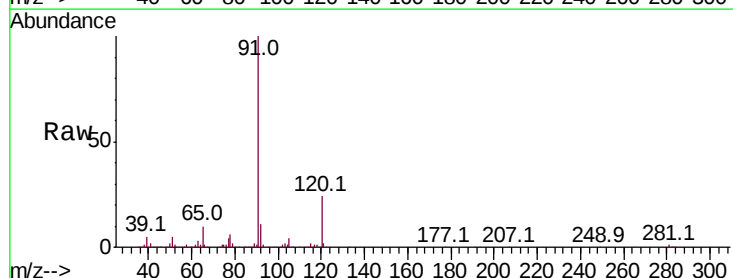
Acq: 28 Feb 2019 15:05

Tgt Ion: 91 Resp: 285338

Ion Ratio Lower Upper

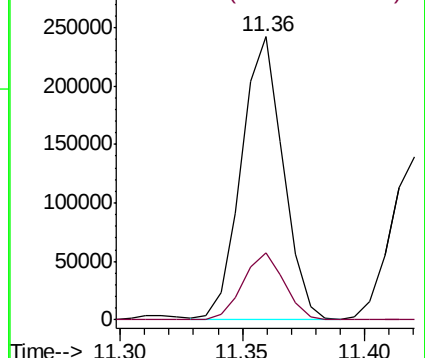
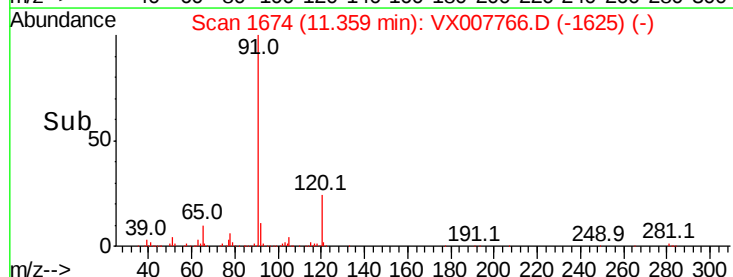
91 100

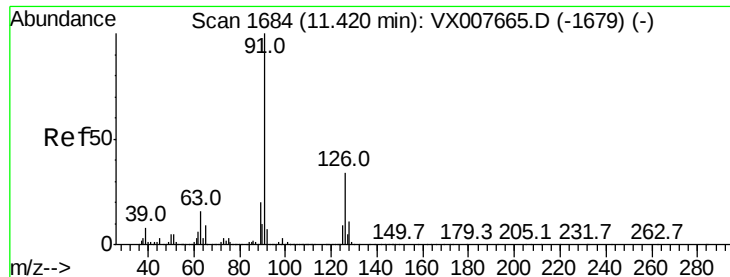
120 23.6 12.4 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.705 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

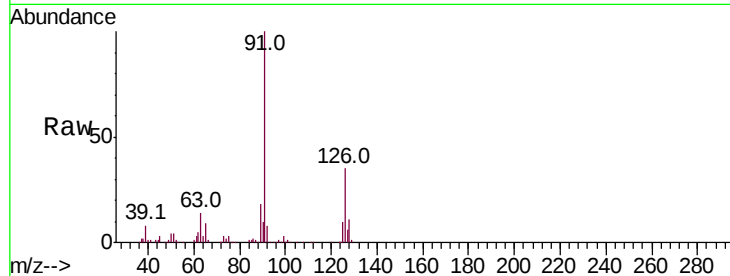
VX0228WBSD01

Tot Ion: 91 Resp: 172220

Ion Ratio Lower Upper

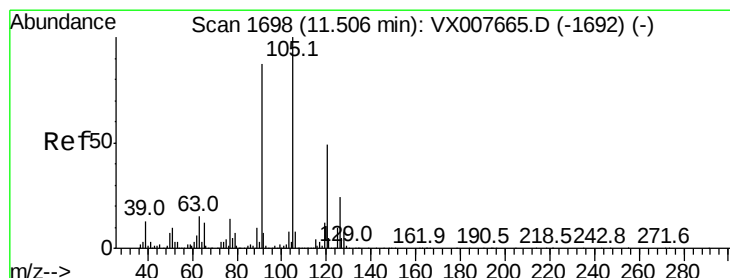
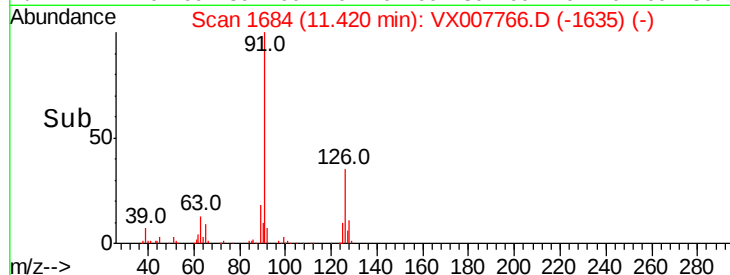
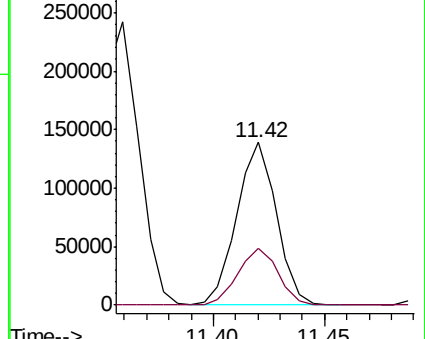
91 100

126 35.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.105 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007766.D

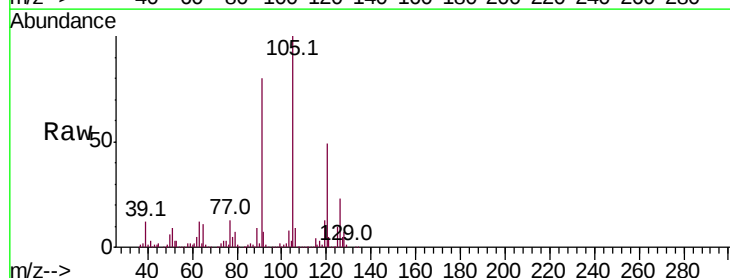
Acq: 28 Feb 2019 15:05

Tgt Ion:105 Resp: 212910

Ion Ratio Lower Upper

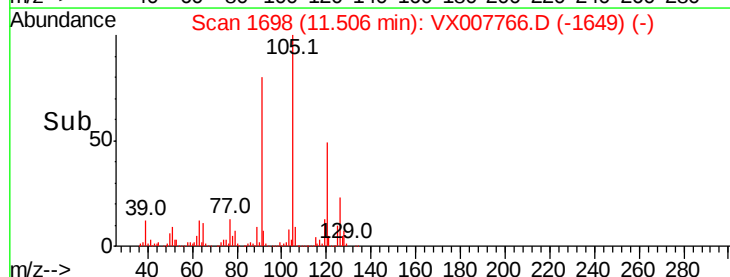
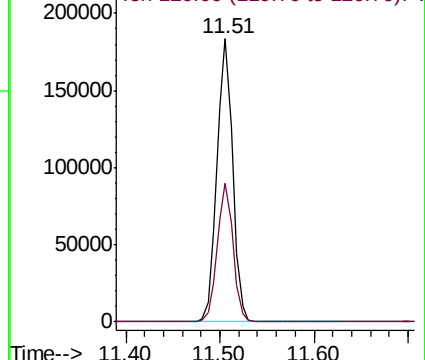
105 100

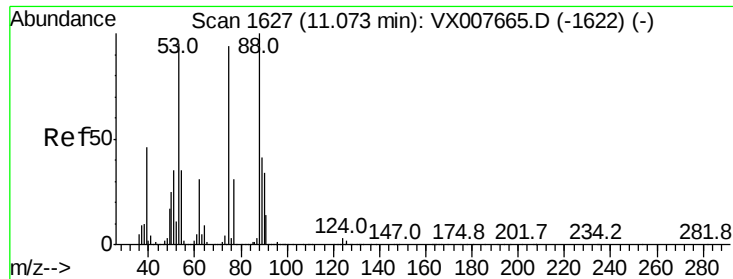
120 48.7 25.3 75.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.980 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

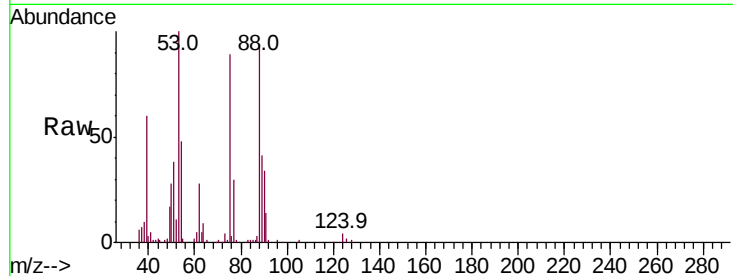
MSVOA_X

ClientSampleId :

VX0228WBSD01

Tot Ion: 75 Resp: 21960

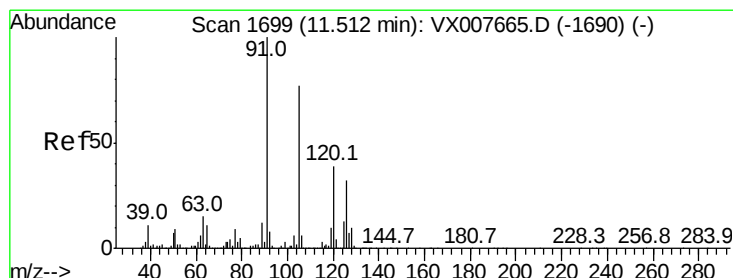
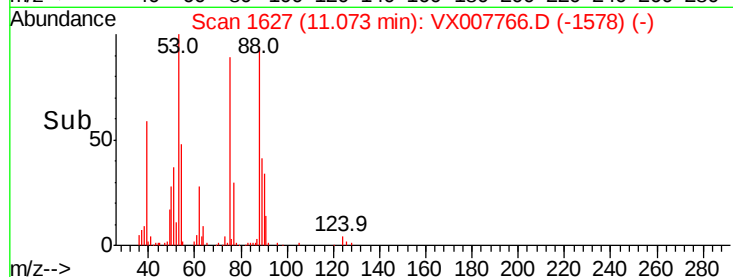
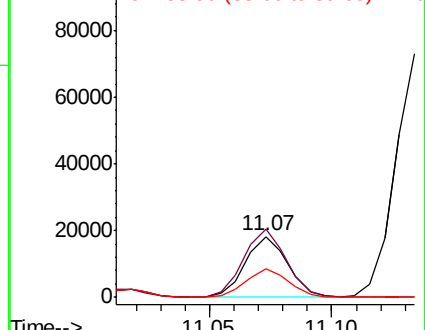
Ion	Ratio	Lower	Upper
75	100		
53	112.6	81.0	121.6
89	47.5	41.4	62.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 17.626 ug/l

RT: 11.51 min Scan# 1699

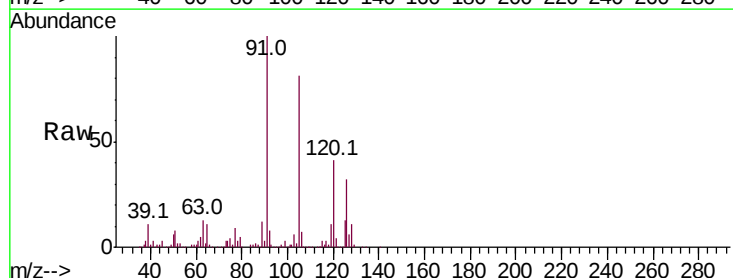
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

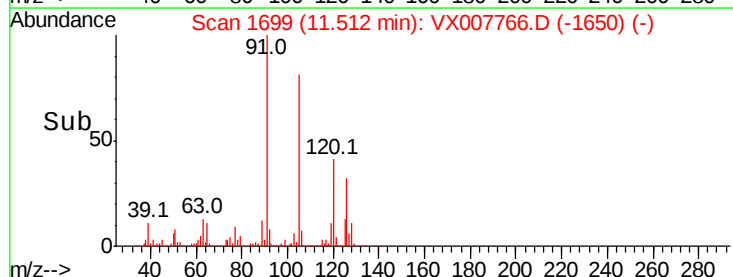
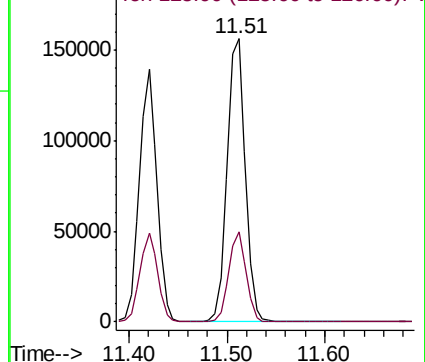
Tgt Ion: 91 Resp: 200578

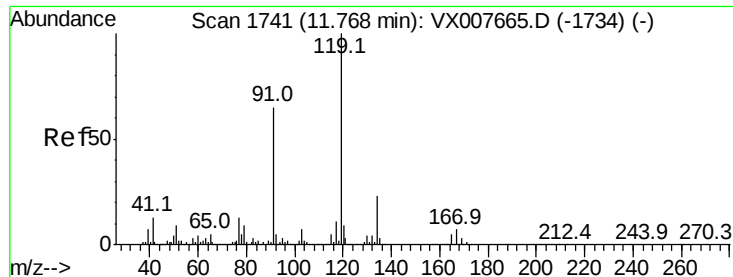
Ion	Ratio	Lower	Upper
91	100		
126	30.5	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 18.437 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

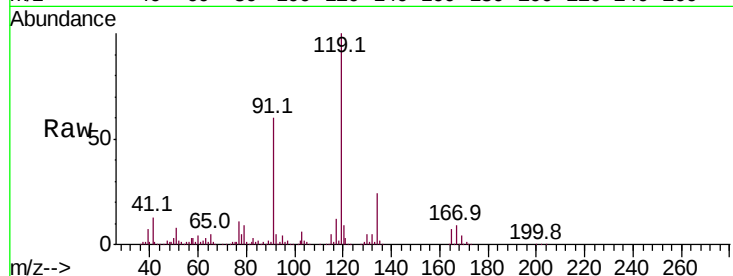
Tot Ion:119 Resp: 208171

Ion Ratio Lower Upper

119 100

91 56.7 28.5 85.6

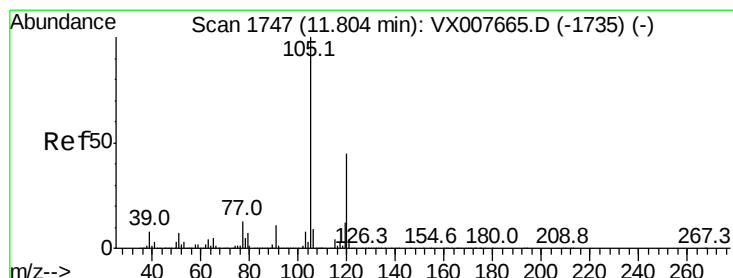
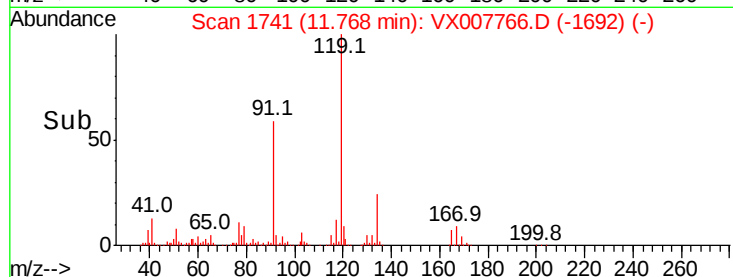
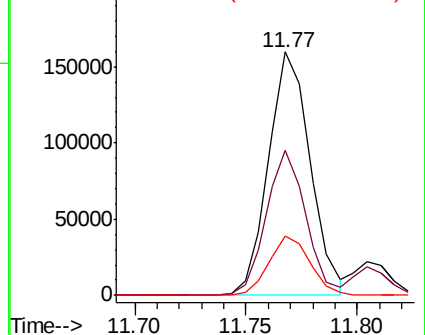
134 23.9 12.0 36.0



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: 18.053 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007766.D

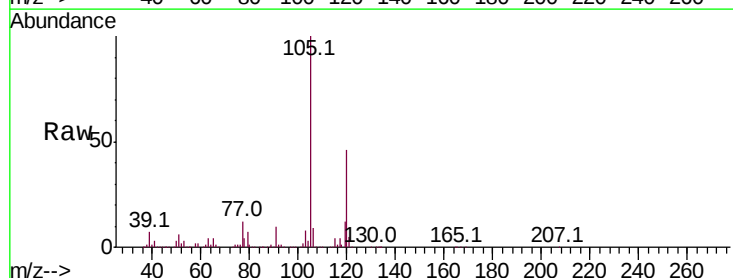
Acq: 28 Feb 2019 15:05

Tgt Ion:105 Resp: 217158

Ion Ratio Lower Upper

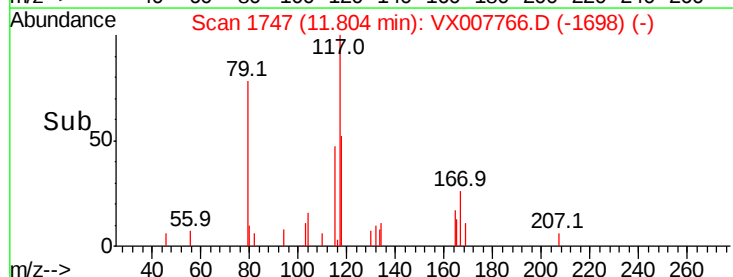
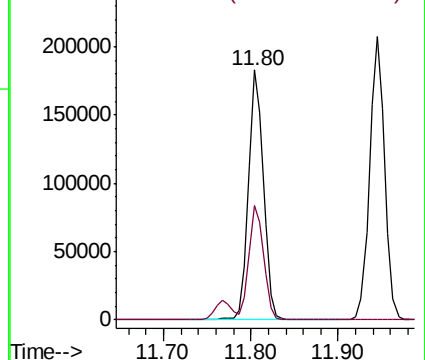
105 100

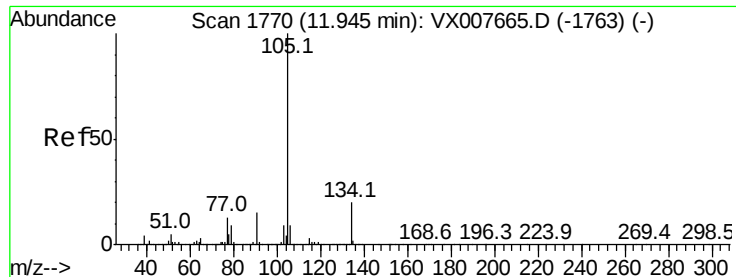
120 44.9 23.1 69.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.748 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

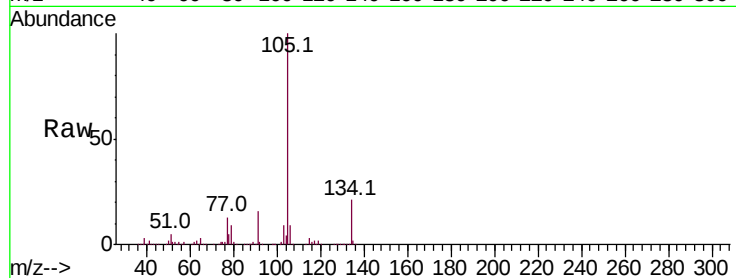
VX0228WBSD01

Tot Ion:105 Resp: 251115

Ion Ratio Lower Upper

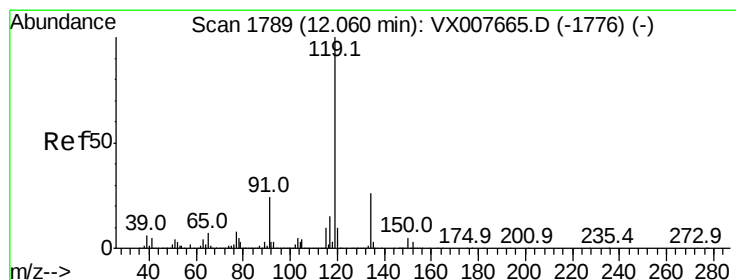
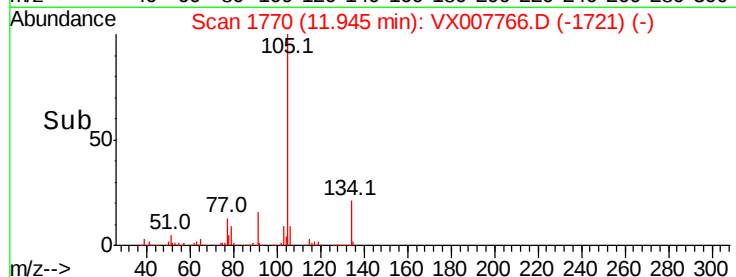
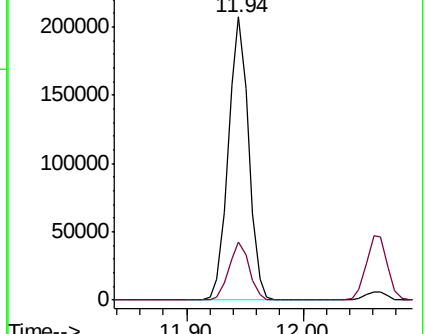
105 100

134 20.5 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.073 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

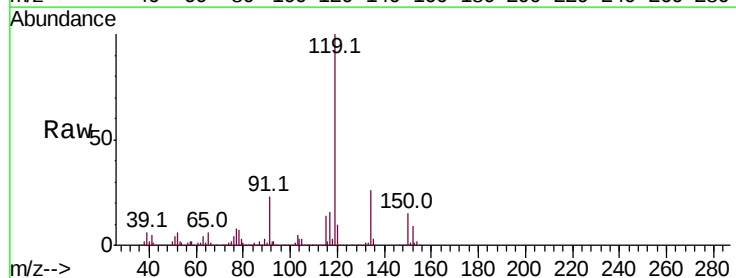
Tgt Ion:119 Resp: 223938

Ion Ratio Lower Upper

119 100

134 26.5 13.7 41.1

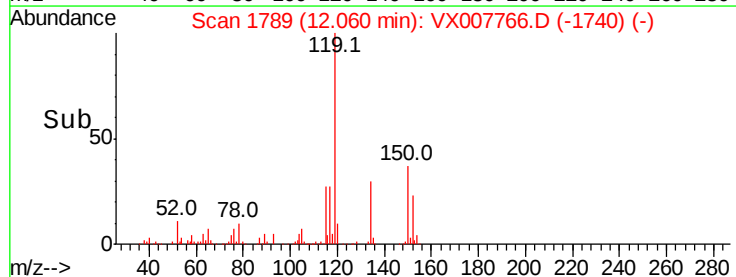
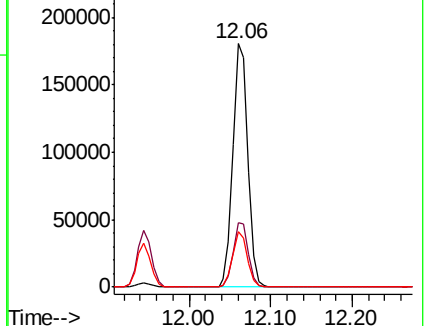
91 22.5 11.2 33.5

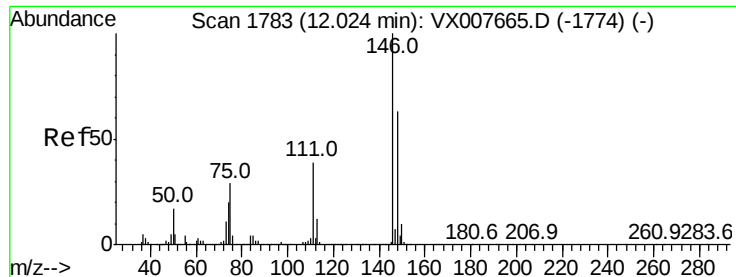


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 18.271 ug/l

RT: 12.02 min Scan# 1783

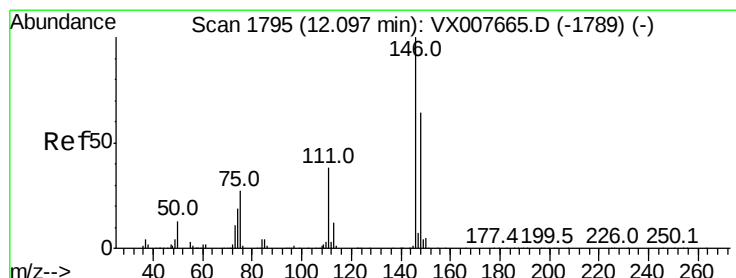
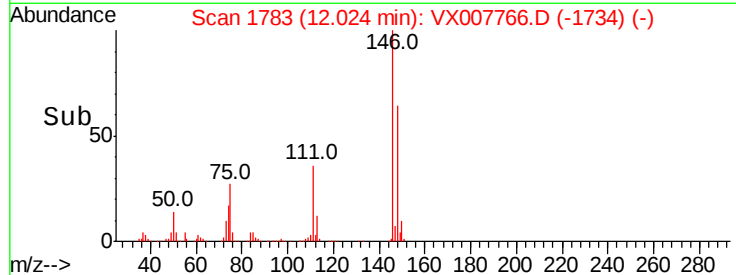
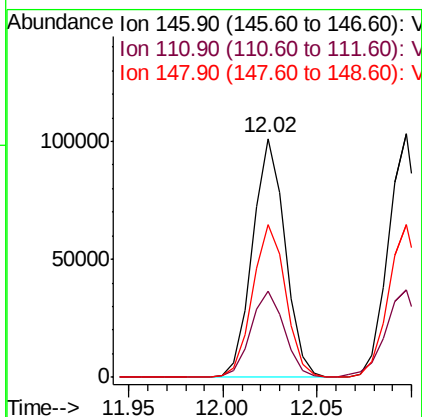
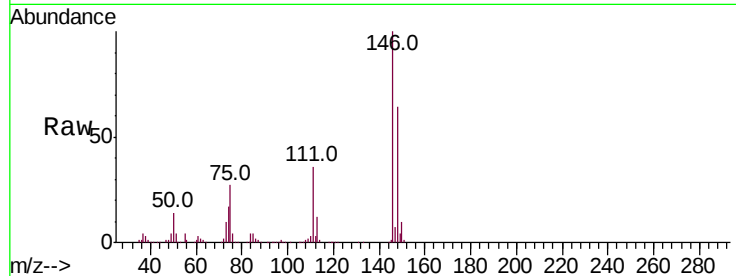
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.1	54.1
148	64.7	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 18.161 ug/l

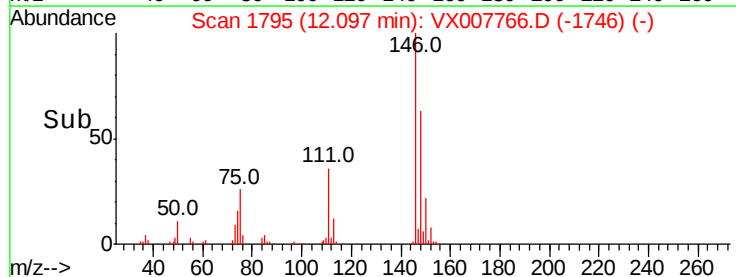
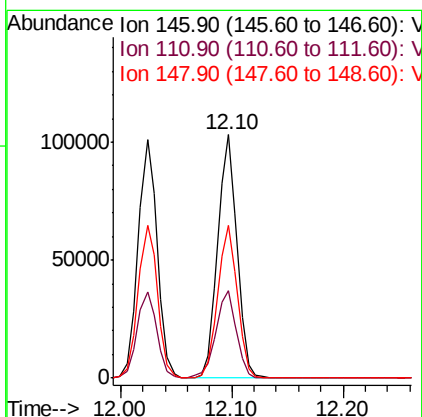
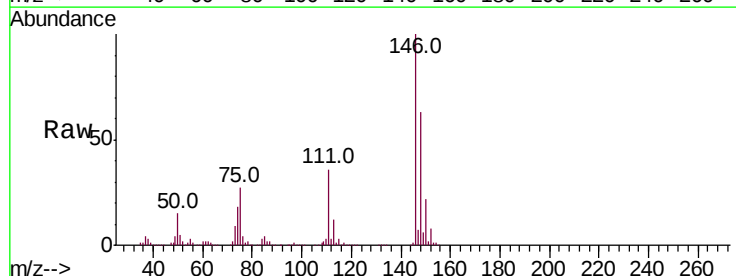
RT: 12.10 min Scan# 1795

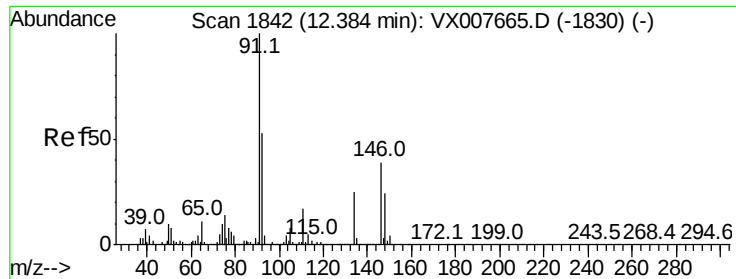
Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.1	54.1
148	63.9	32.3	96.9





#89

n-Butylbenzene

Concen: 16.500 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.01 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampleId :

VX0228WBSD01

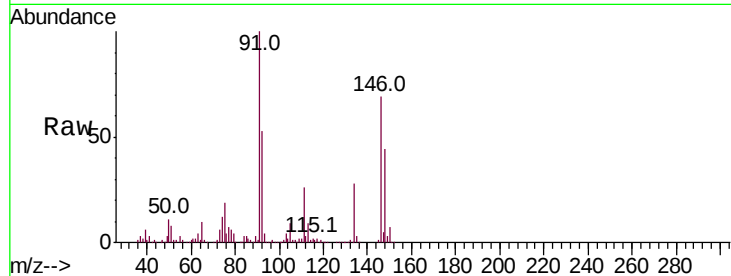
Tot Ion: 91 Resp: 182329

Ion Ratio Lower Upper

91 100

92 53.3 26.3 78.9

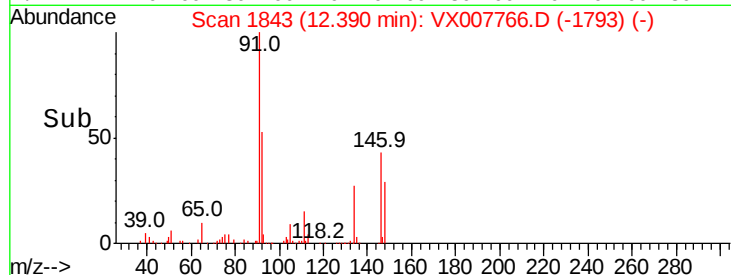
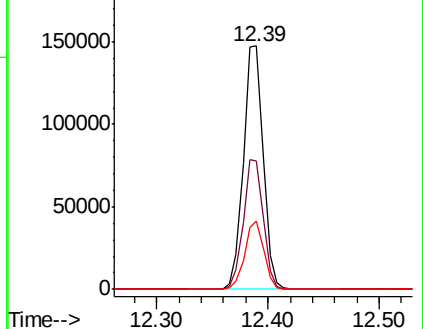
134 26.7 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 16.800 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX007766.D

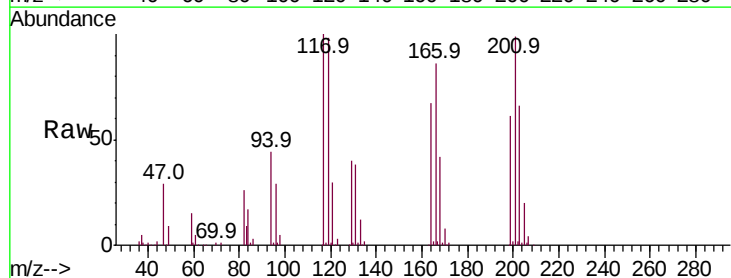
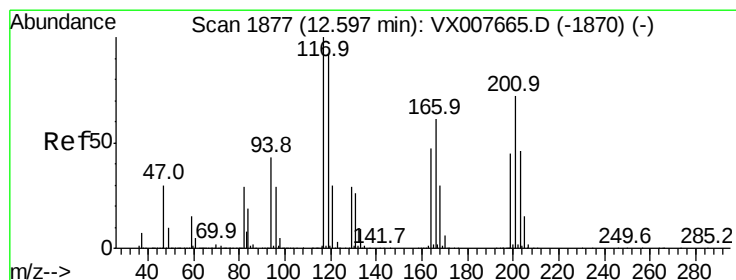
Acq: 28 Feb 2019 15:05

Tgt Ion: 117 Resp: 35074

Ion Ratio Lower Upper

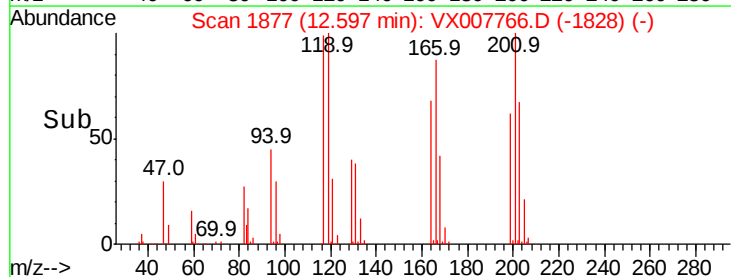
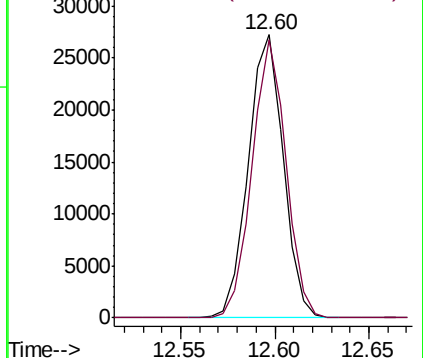
117 100

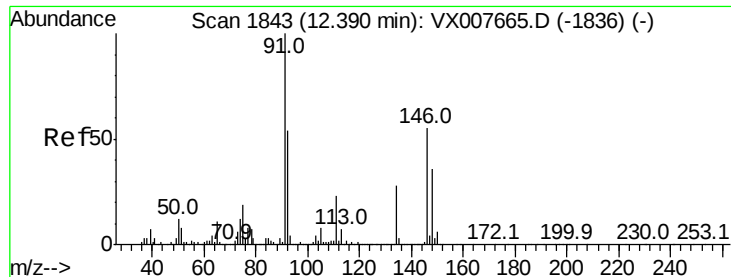
201 95.3 44.9 134.7



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.433 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

Instrument :

MSVOA_X

ClientSampled :

VX0228WBSD01

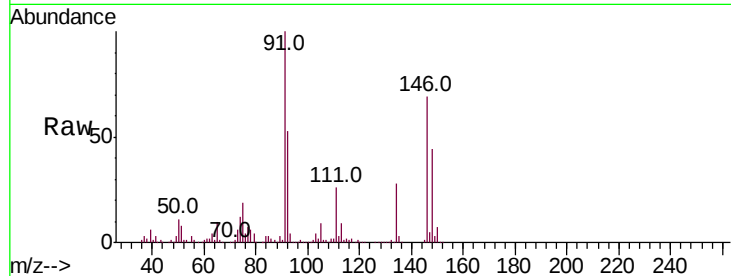
Tot Ion:146 Resp: 122677

Ion Ratio Lower Upper

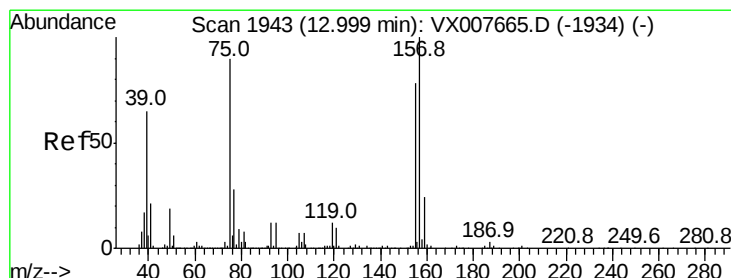
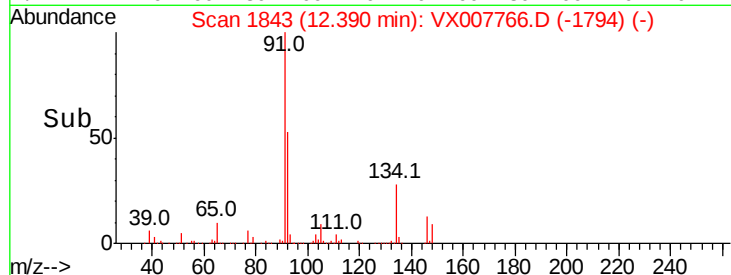
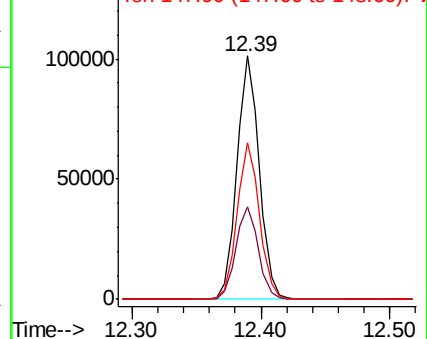
146 100

111 38.6 19.1 57.3

148 64.4 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: 16.979 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007766.D

Acq: 28 Feb 2019 15:05

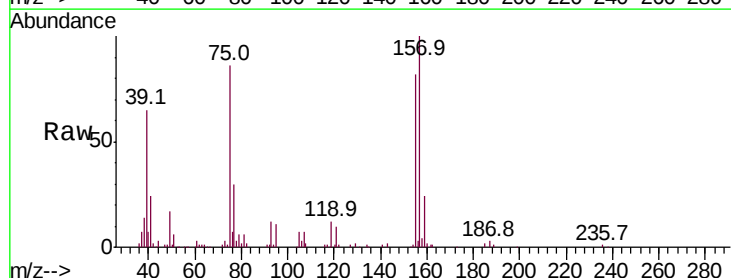
Tgt Ion: 75 Resp: 18293

Ion Ratio Lower Upper

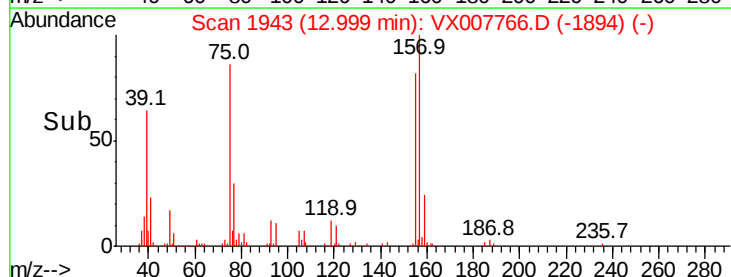
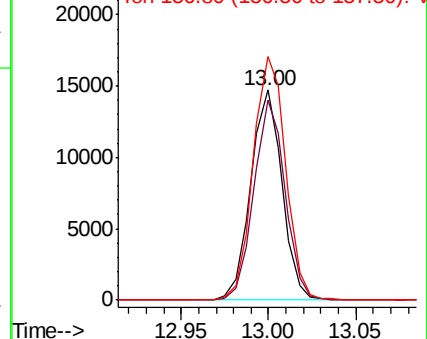
75 100

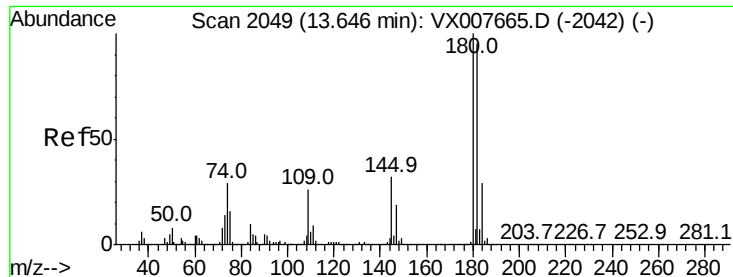
155 94.7 49.6 149.0

157 120.3 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

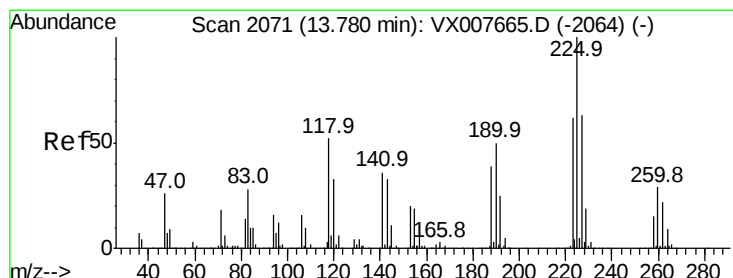
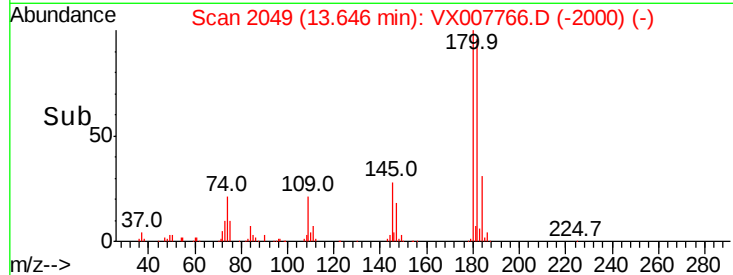
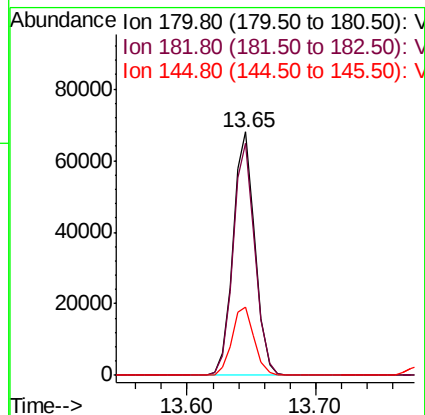
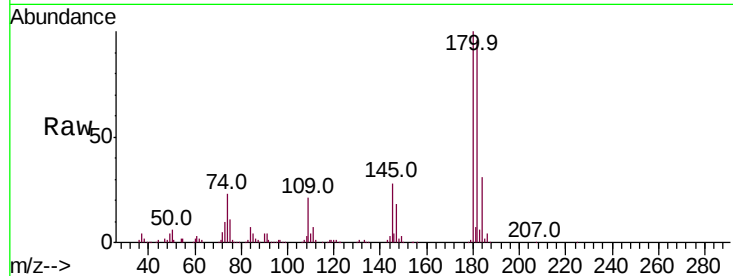




#93
 1,2,4-Trichlorobenzene
 Concen: 19.904 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

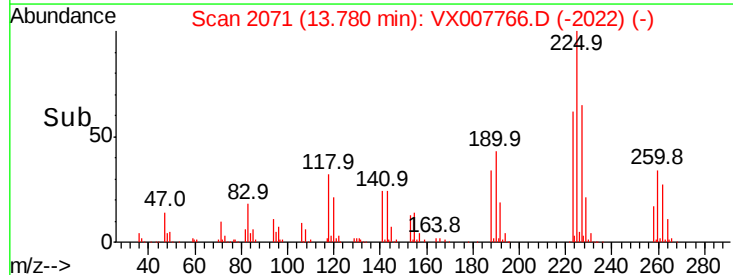
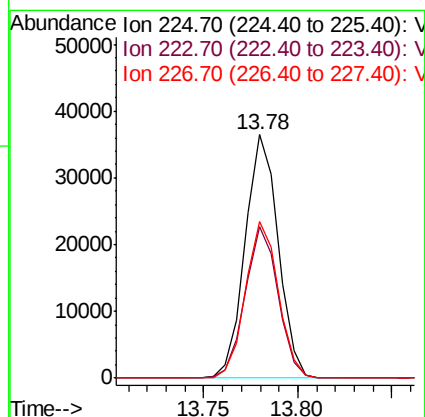
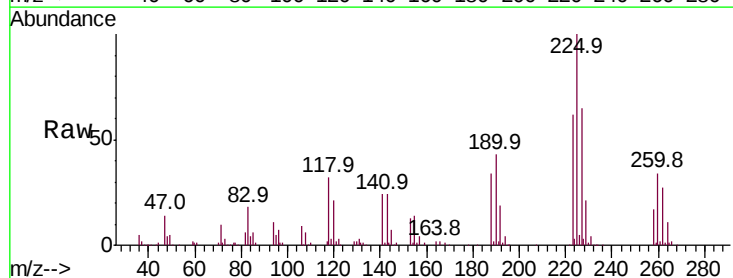
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBSD01

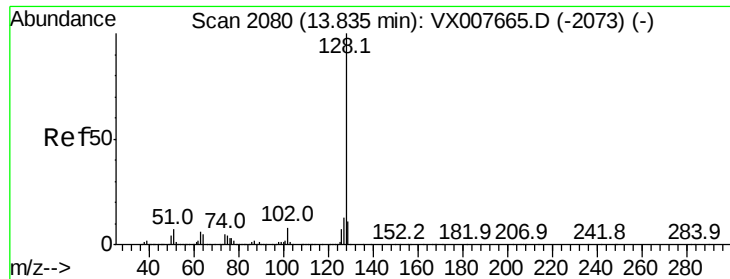
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.3
145	28.5	14.1	42.2



#94
 Hexachlorobutadiene
 Concen: 23.924 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007766.D
 Acq: 28 Feb 2019 15:05

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	31.6	94.8
227	63.9	32.1	96.3

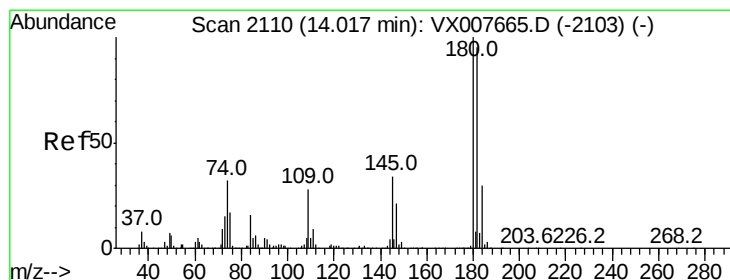
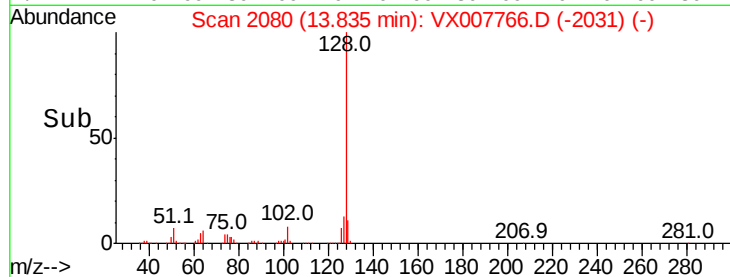
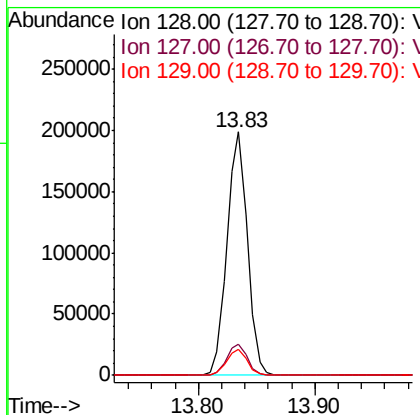
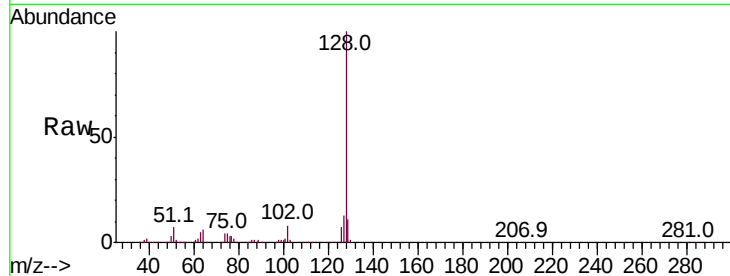




#95
Naphthalene
Concen: 18.342 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBSD01

Tot Ion:128 Resp: 241405
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.249 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007766.D
Acq: 28 Feb 2019 15:05

Tgt Ion:180 Resp: 82594
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 30.2 14.9 44.5

