

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082018\
 Data File : VX004146.D
 Acq On : 20 Aug 2018 12:16
 Operator : JC/MD
 Sample : VX0820WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Quant Time: Aug 21 01:00:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 13:27:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	256852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	368314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	226363	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200895	55.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.02%	
35) Dibromofluoromethane	5.50	113	163250	58.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.22%	
50) Toluene-d8	8.71	98	620134	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
62) 4-Bromofluorobenzene	11.14	95	225554	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46938	18.77	ug/l	99
3) Chloromethane	1.32	50	65397	21.31	ug/l	100
4) Vinyl Chloride	1.40	62	60867	18.33	ug/l	99
5) Bromomethane	1.64	94	35022	20.71	ug/l	98
6) Chloroethane	1.72	64	45413	19.72	ug/l	96
7) Trichlorofluoromethane	1.93	101	86820	18.64	ug/l	98
8) Diethyl Ether	2.18	74	42153	20.73	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	55029	18.94	ug/l	99
10) Methyl Iodide	2.51	142	46305	18.44	ug/l	100
11) Tert butyl alcohol	3.04	59	76892	105.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51368	19.01	ug/l	94
13) Acrolein	2.29	56	59637	126.28	ug/l	100
14) Allyl chloride	2.73	41	100554	19.56	ug/l	97
15) Acrylonitrile	3.14	53	191210	105.23	ug/l	100
16) Acetone	2.43	43	218841	116.31	ug/l	99
17) Carbon Disulfide	2.57	76	128010	16.70	ug/l	100
18) Methyl Acetate	2.77	43	95463	22.83	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	197989	20.80	ug/l	99
20) Methylene Chloride	2.86	84	66610	21.31	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	58521	19.07	ug/l	98
22) Diisopropyl ether	3.86	45	207169	20.56	ug/l	94
23) Vinyl Acetate	3.82	43	874233	105.65	ug/l	100
24) 1,1-Dichloroethane	3.70	63	117347	20.56	ug/l	99
25) 2-Butanone	4.69	43	329585	107.66	ug/l	98
26) 2,2-Dichloropropane	4.58	77	88544	19.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	70104	20.32	ug/l	98
28) Bromochloromethane	5.01	49	59387	22.68	ug/l	98
29) Tetrahydrofuran	5.15	42	156630	100.14	ug/l	98
30) Chloroform	5.21	83	114771	20.61	ug/l	100
31) Cyclohexane	5.57	56	85940	17.18	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	92568	19.89	ug/l	99
36) 1,1-Dichloropropene	5.80	75	80623	18.88	ug/l	99
37) Ethyl Acetate	4.85	43	97516	20.96	ug/l	100
38) Carbon Tetrachloride	5.78	117	78896	19.01	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81812	16.88	ug/l	97
40) Benzene	6.14	78	262525	20.47	ug/l	97
41) Methacrylonitrile	5.06	41	53954	20.71	ug/l	99
42) 1,2-Dichloroethane	6.20	62	95227	21.21	ug/l	99
43) Isopropyl Acetate	6.46	43	140405	20.48	ug/l	99
44) Trichloroethene	7.21	130	68441	19.66	ug/l	93
45) 1,2-Dichloropropane	7.51	63	68612	20.90	ug/l	99
46) Dibromomethane	7.66	93	45372	21.15	ug/l	99
47) Bromodichloromethane	7.90	83	85536	21.05	ug/l	99
48) Methyl methacrylate	7.77	41	72611	21.04	ug/l	99
49) 1,4-Dioxane	7.76	88	32157	413.84	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	618495	110.02	ug/l	99
52) Toluene	8.79	92	168198	20.74	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	90815	20.69	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	101207	20.82	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	71177	21.25	ug/l	99
56) Ethyl methacrylate	9.18	69	93849	20.60	ug/l	99
57) 1,3-Dichloropropane	9.37	76	120983	21.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	260562	112.34	ug/l	100
59) 2-Hexanone	9.49	43	467567	110.51	ug/l	98
60) Dibromochloromethane	9.59	129	66912	20.76	ug/l	99
61) 1,2-Dibromoethane	9.67	107	73288	21.46	ug/l	99
64) Tetrachloroethene	9.34	164	62970	18.04	ug/l	93
65) Chlorobenzene	10.14	112	193740	20.36	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	66720	20.56	ug/l	99
67) Ethyl Benzene	10.25	91	296199	19.66	ug/l	99
68) m/p-Xylenes	10.36	106	238747	40.47	ug/l	98
69) o-Xylene	10.70	106	108014	19.16	ug/l	93
70) Styrene	10.71	104	184293	19.42	ug/l	99
71) Bromoform	10.86	173	49964	19.42	ug/l #	99
73) Isopropylbenzene	11.02	105	298707	19.50	ug/l	96
74) N-amyl acetate	6.46	43	140405	19.49	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	110614	20.68	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	118435	26.09	ug/l	85
77) Bromobenzene	11.26	156	85238	20.19	ug/l	98
78) n-propylbenzene	11.36	91	336504	19.63	ug/l	100
79) 2-Chlorotoluene	11.42	91	208784	19.98	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	245616	19.58	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	28795	19.64	ug/l	94
82) 4-Chlorotoluene	11.51	91	246155	19.93	ug/l	99
83) tert-Butylbenzene	11.77	119	239524	18.94	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	264750	20.38	ug/l	99
85) sec-Butylbenzene	11.94	105	278774	18.83	ug/l	99
86) p-Isopropyltoluene	12.07	119	257833	19.24	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	156266	19.40	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	162498	19.60	ug/l	99
89) n-Butylbenzene	12.39	91	205393	19.45	ug/l	97
90) Hexachloroethane	12.60	117	37403	18.66	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	158356	21.80	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21600	22.97	ug/l	96

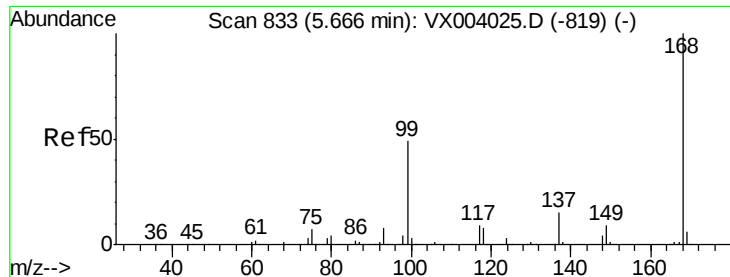
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	103699	20.89	ug/l	99
94) Hexachlorobutadiene	13.79	225	43191	17.35	ug/l	99
95) Naphthalene	13.83	128	311712	20.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	108693	20.08	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

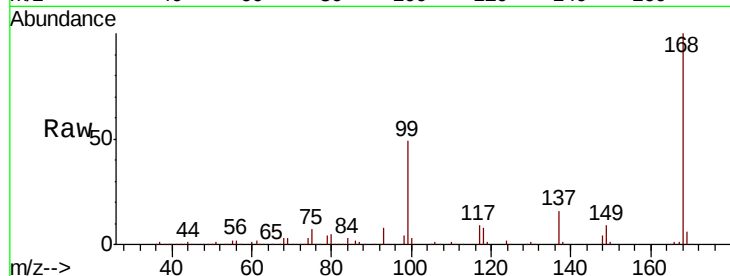
VX0820WBS01

Tot Ion:168 Resp: 256852

Ion Ratio Lower Upper

168 100

99 49.4 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

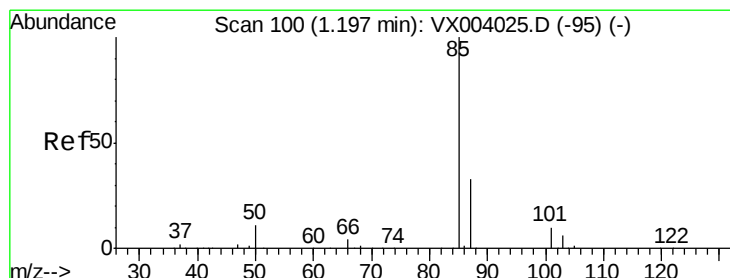
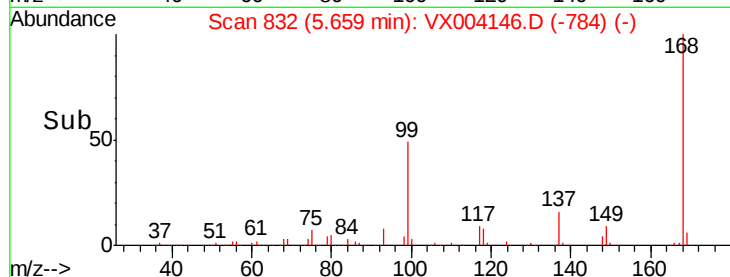
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004146.D

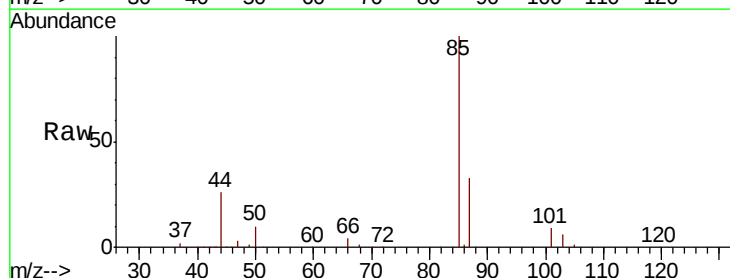
Acq: 20 Aug 2018 12:16

Tgt Ion: 85 Resp: 46938

Ion Ratio Lower Upper

85 100

87 32.5 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

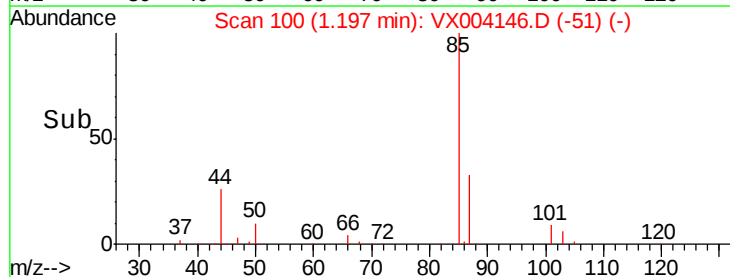
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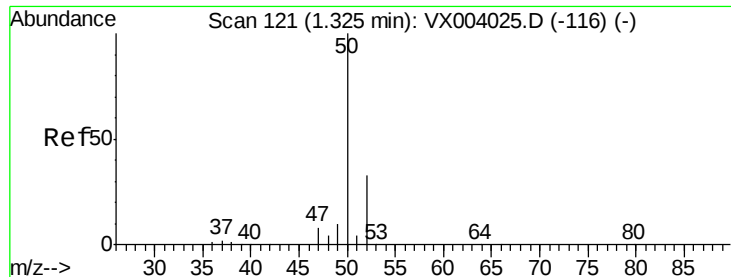
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 21.31 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

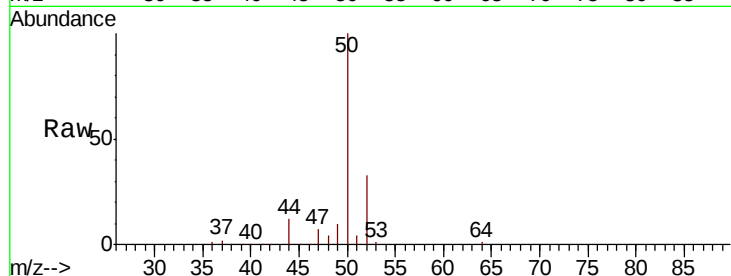
VX0820WBS01

Tot Ion: 50 Resp: 65397

Ion Ratio Lower Upper

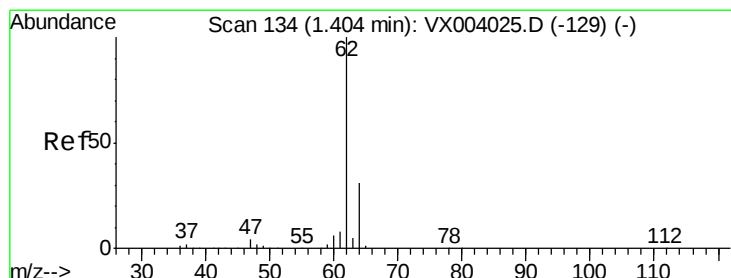
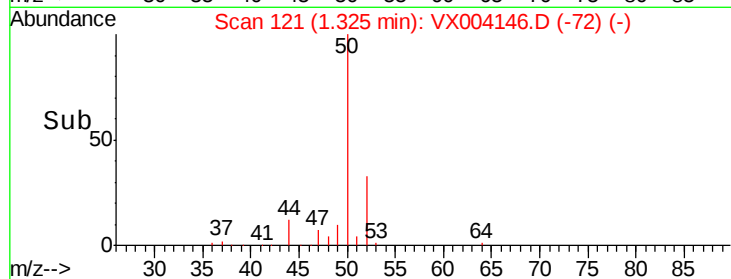
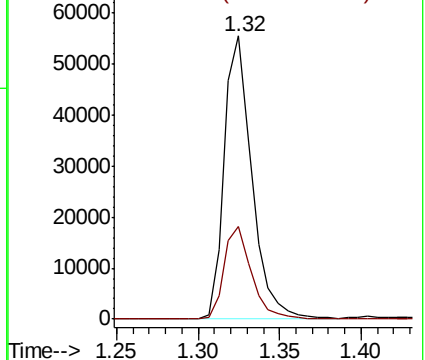
50 100

52 32.9 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.33 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004146.D

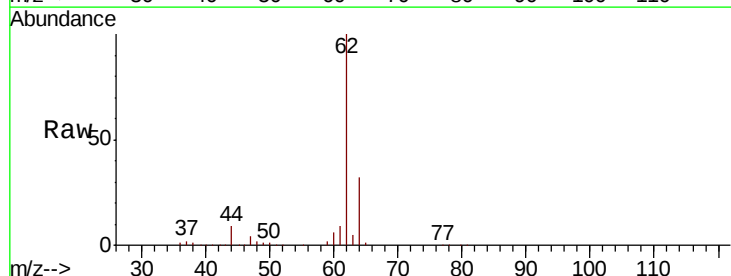
Acq: 20 Aug 2018 12:16

Tgt Ion: 62 Resp: 60867

Ion Ratio Lower Upper

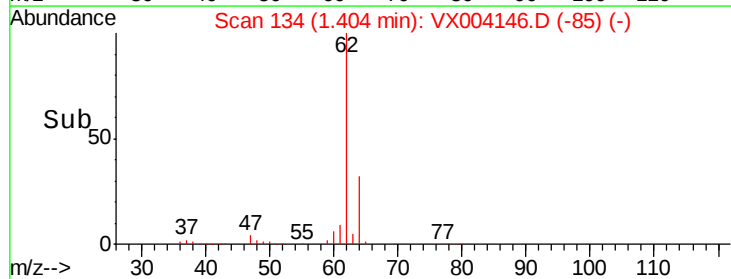
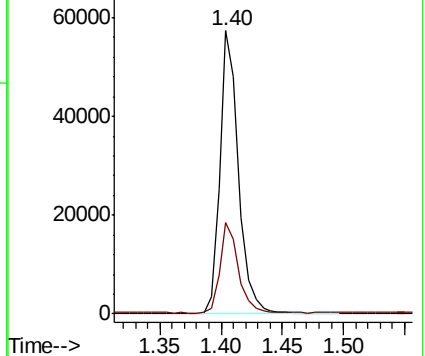
62 100

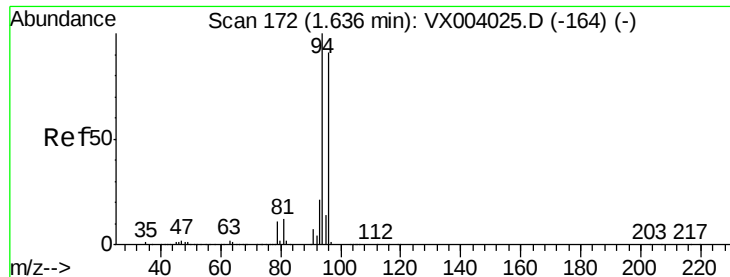
64 32.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.71 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

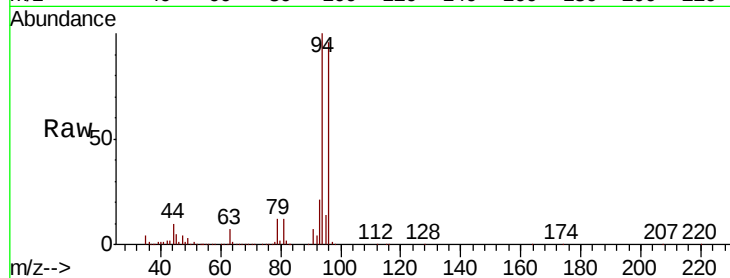
VX0820WBS01

Tot Ion: 94 Resp: 35022

Ion Ratio Lower Upper

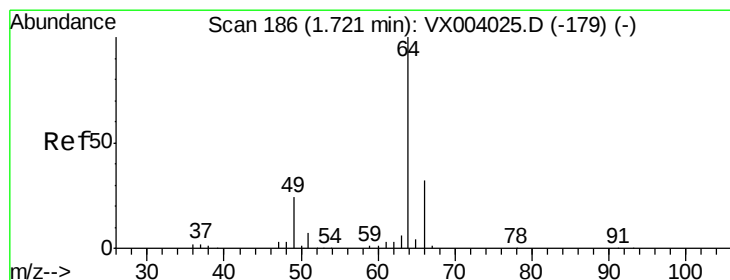
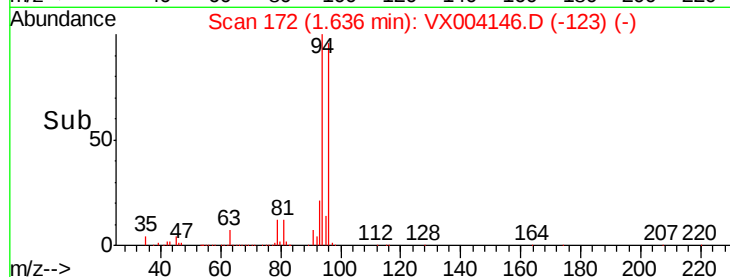
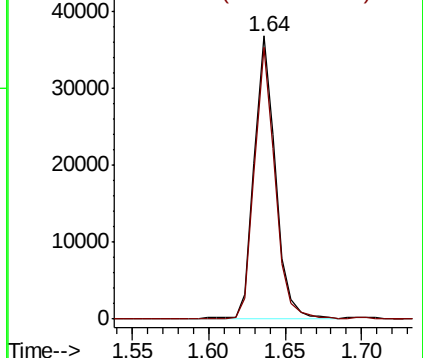
94 100

96 96.1 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.72 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX004146.D

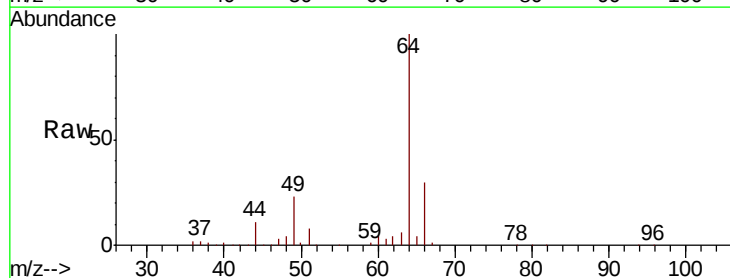
Acq: 20 Aug 2018 12:16

Tgt Ion: 64 Resp: 45413

Ion Ratio Lower Upper

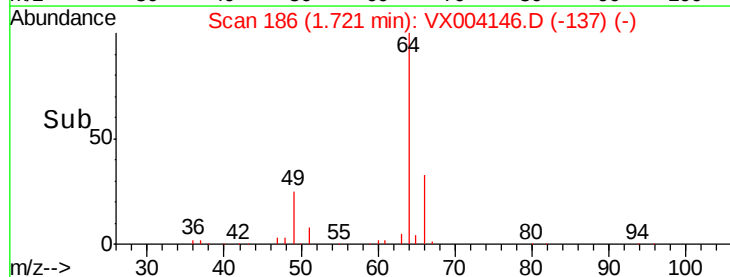
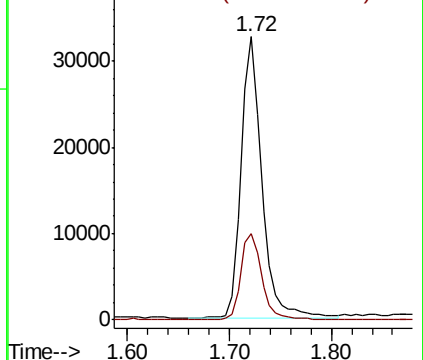
64 100

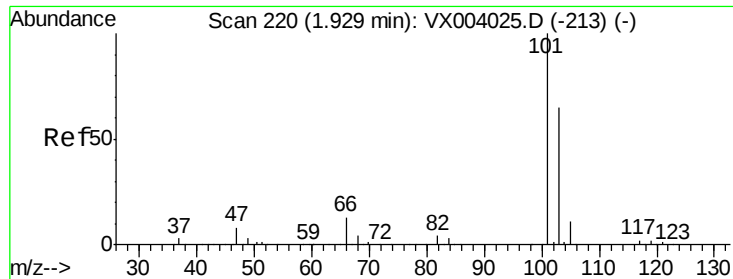
66 30.6 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 18.64 ug/l

RT: 1.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

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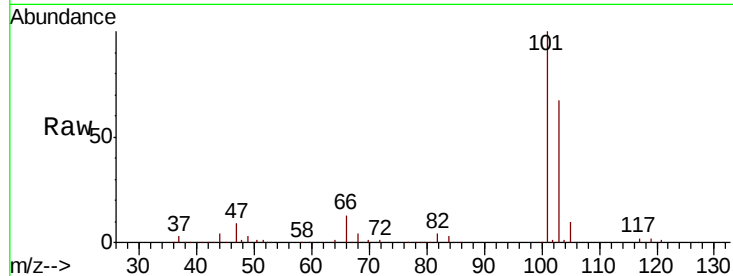
VX0820WBS01

Tot Ion:101 Resp: 86820

Ion Ratio Lower Upper

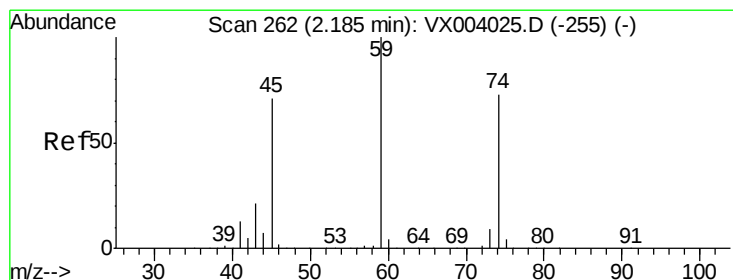
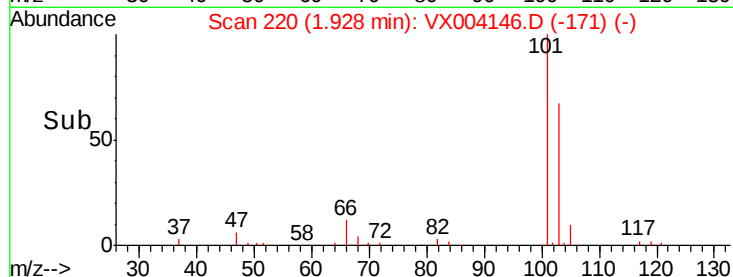
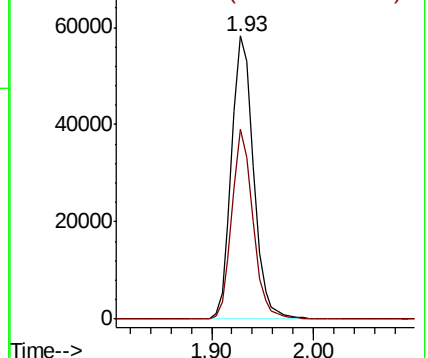
101 100

103 67.0 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.73 ug/l

RT: 2.18 min Scan# 262

Delta R.T. -0.00 min

Lab File: VX004146.D

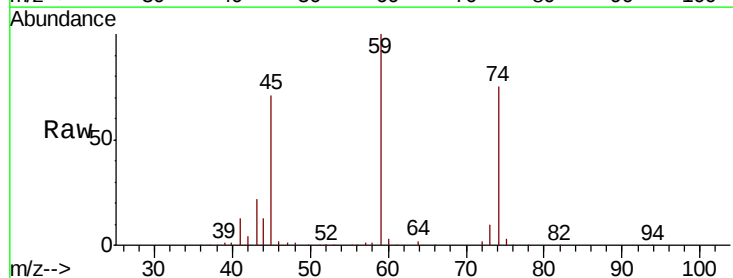
Acq: 20 Aug 2018 12:16

Tgt Ion: 74 Resp: 42153

Ion Ratio Lower Upper

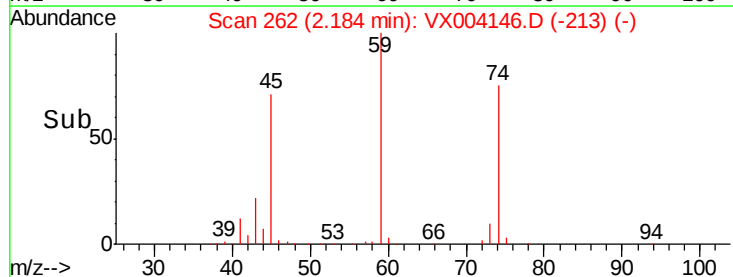
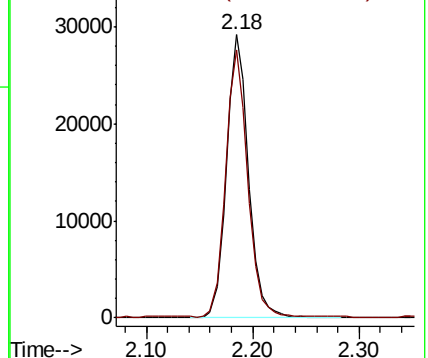
74 100

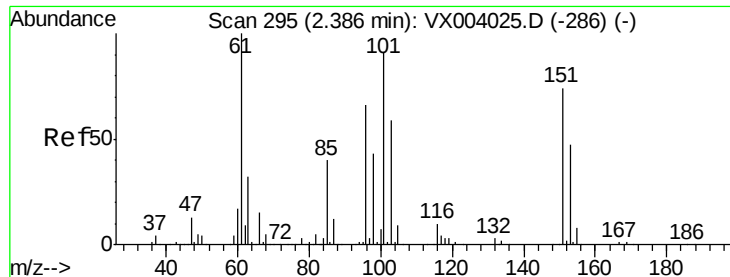
45 93.8 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.94 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

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ClientSampleId :

VX0820WBS01

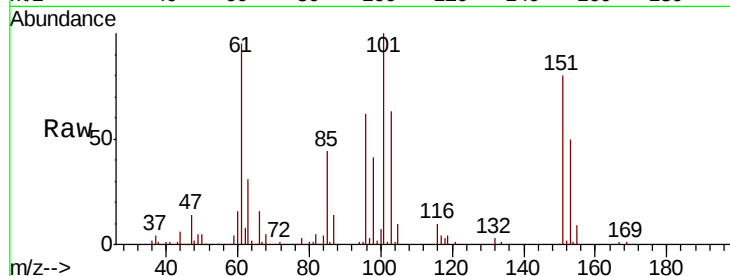
Tot Ion:101 Resp: 55029

Ion Ratio Lower Upper

101 100

85 43.3 34.2 51.4

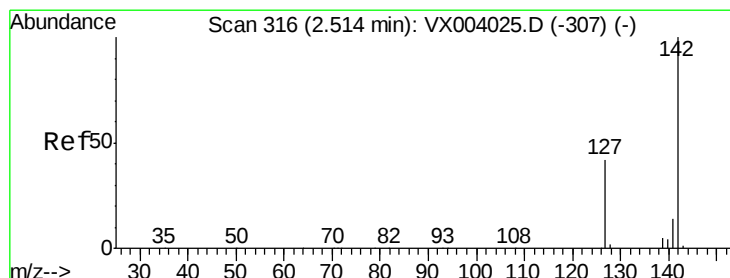
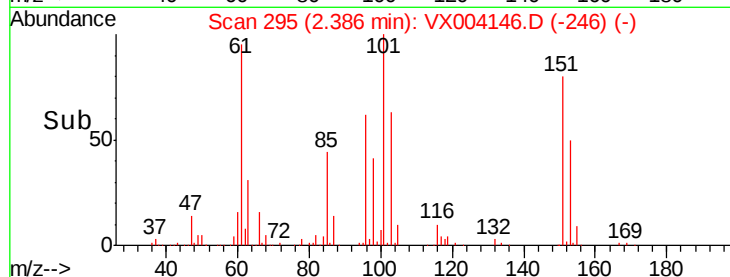
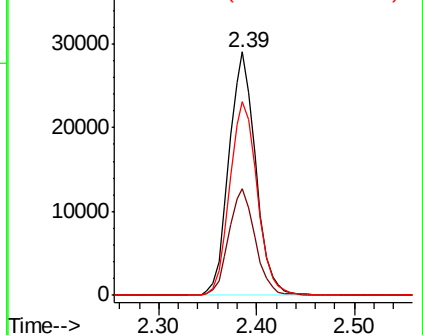
151 82.3 65.0 97.4



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: 18.44 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

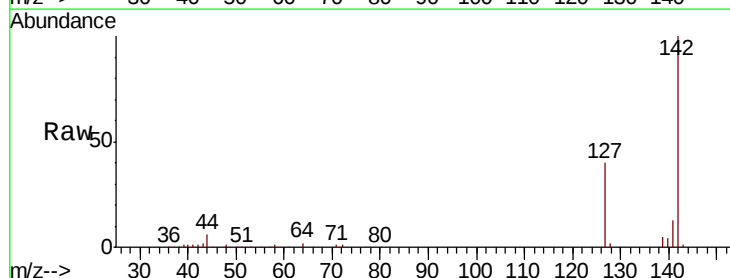
Tgt Ion:142 Resp: 46305

Ion Ratio Lower Upper

142 100

127 41.6 33.1 49.7

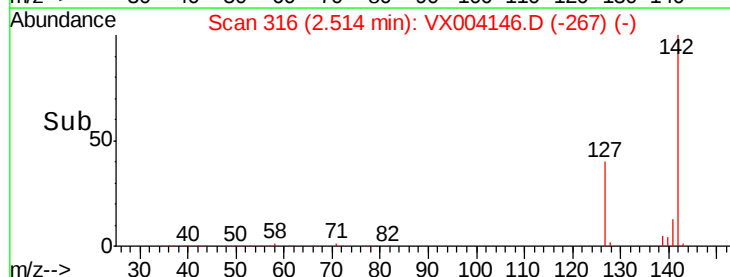
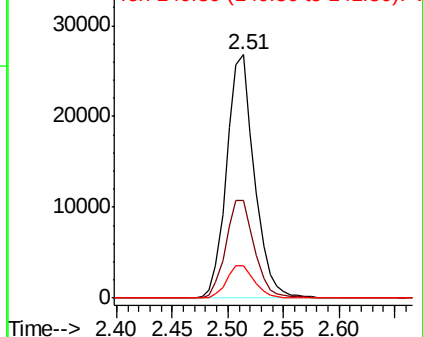
141 13.7 11.1 16.7

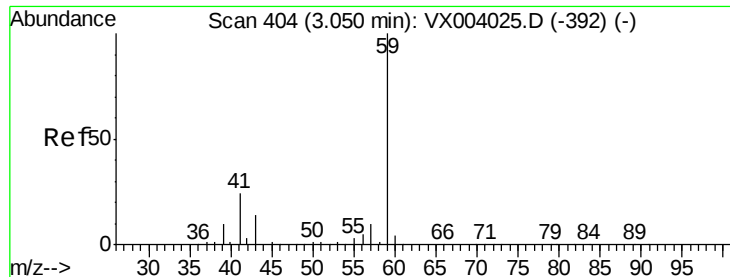


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



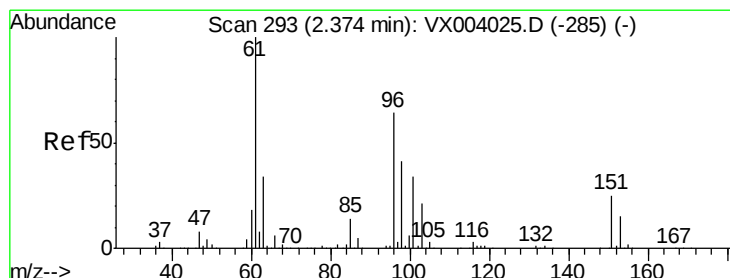
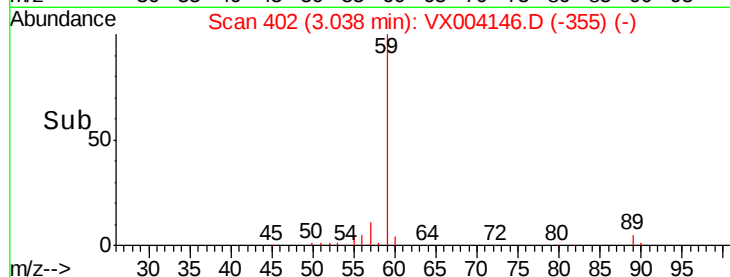
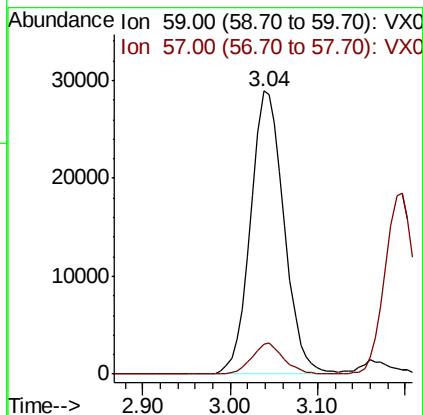
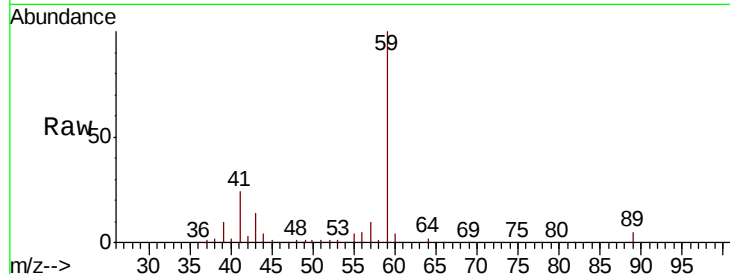


#11

Tert butyl alcohol
 Concen: 105.51 ug/l
 RT: 3.04 min Scan# 402
 Delta R.T. -0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

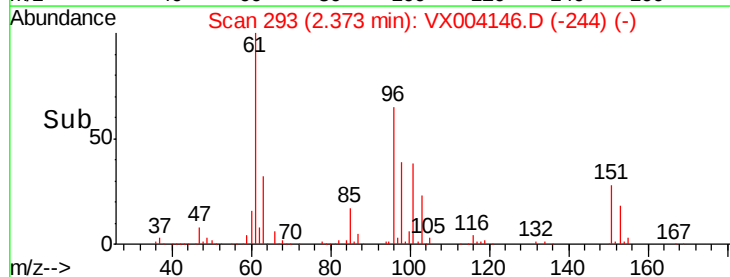
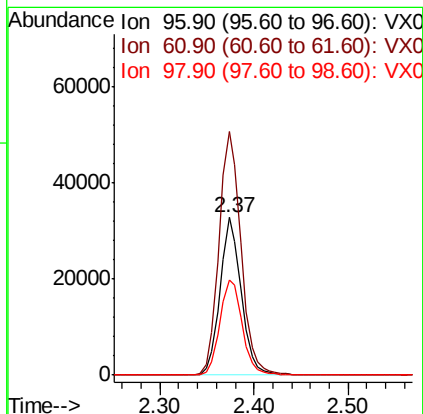
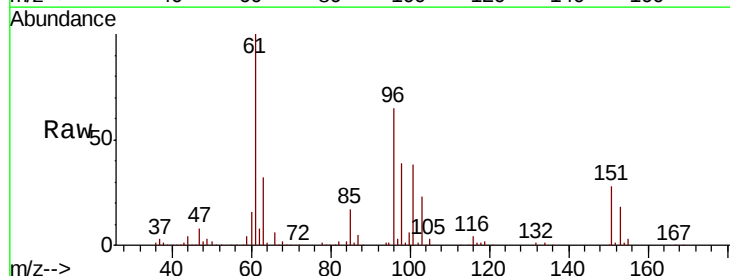
Tot Ion: 59 Resp: 76892
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.1 12.1

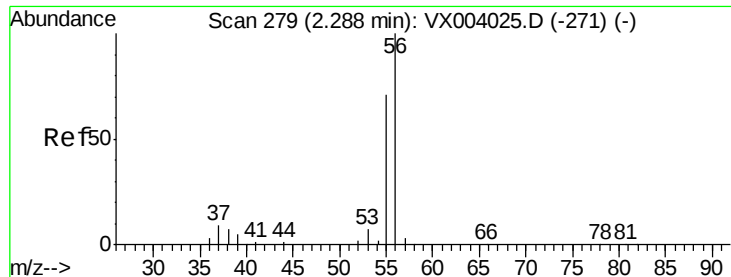


#12

1,1-Dichloroethene
 Concen: 19.01 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 96 Resp: 51368
 Ion Ratio Lower Upper
 96 100
 61 154.7 131.3 196.9
 98 60.7 51.8 77.6





#13

Acrolein

Concen: 126.28 ug/l

RT: 2.29 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

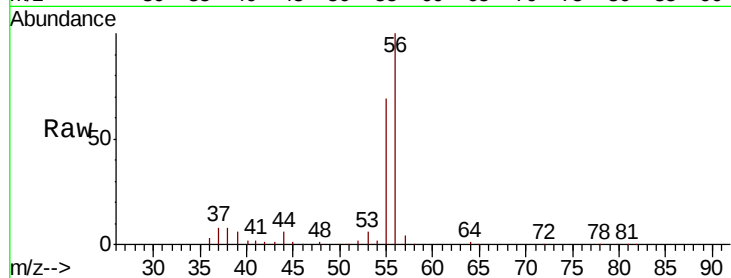
VX0820WBS01

Tot Ion: 56 Resp: 59637

Ion Ratio Lower Upper

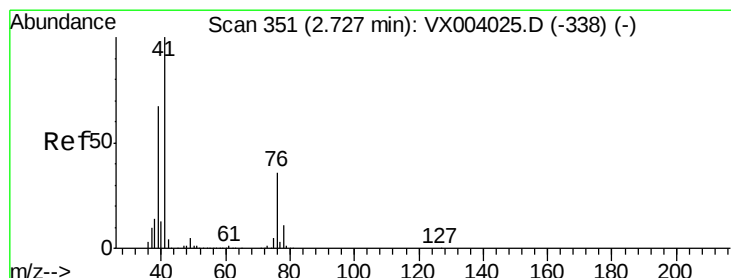
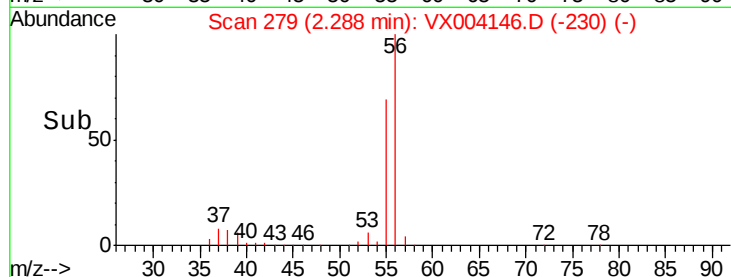
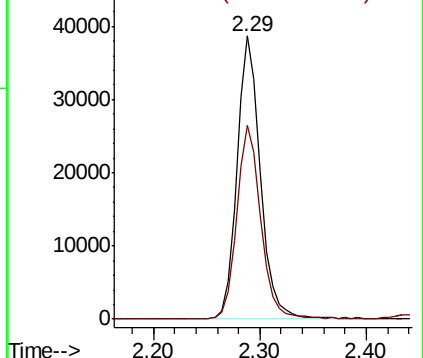
56 100

55 70.1 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

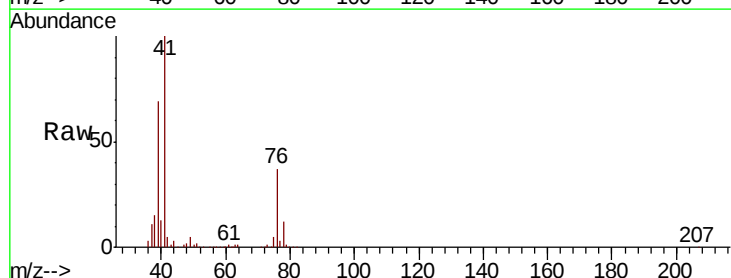
Tgt Ion: 41 Resp: 100554

Ion Ratio Lower Upper

41 100

39 62.4 47.4 71.0

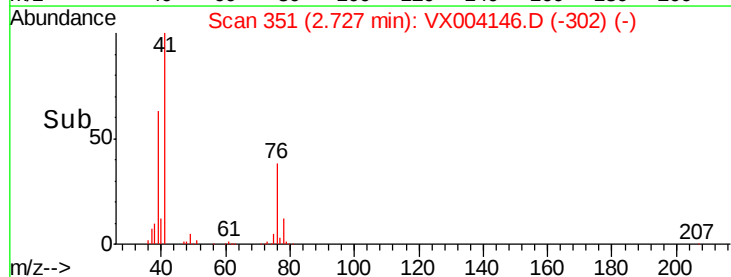
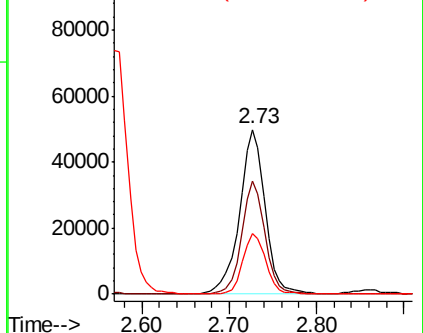
76 32.9 26.0 39.0

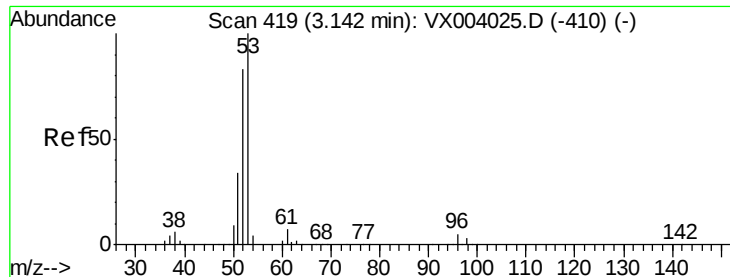


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.23 ug/l

RT: 3.14 min Scan# 419

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

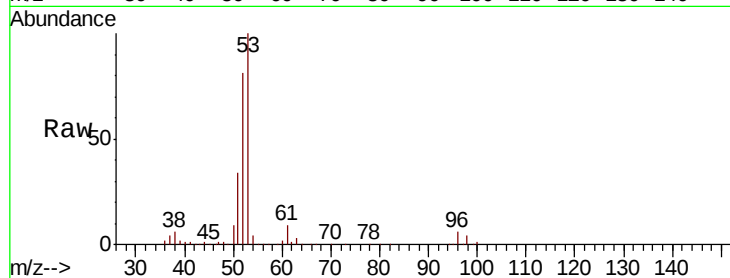
Tot Ion: 53 Resp: 191210

Ion Ratio Lower Upper

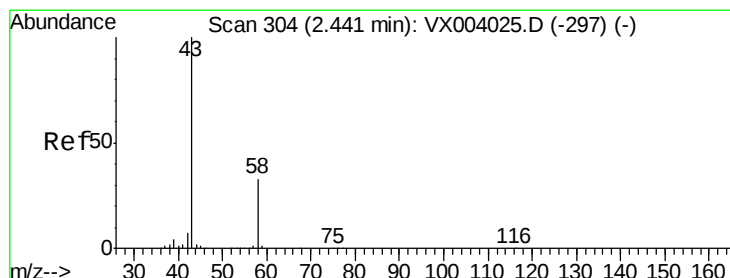
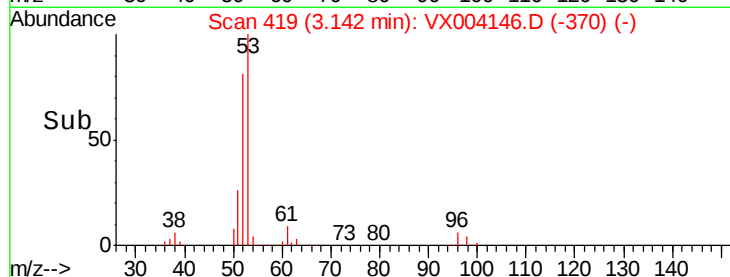
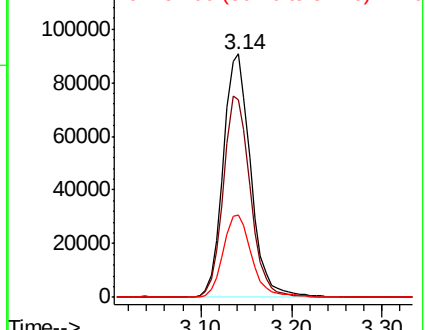
53 100

52 82.0 65.3 97.9

51 35.2 27.9 41.9



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



#16

Acetone

Concen: 116.31 ug/l

RT: 2.43 min Scan# 303

Delta R.T. -0.01 min

Lab File: VX004146.D

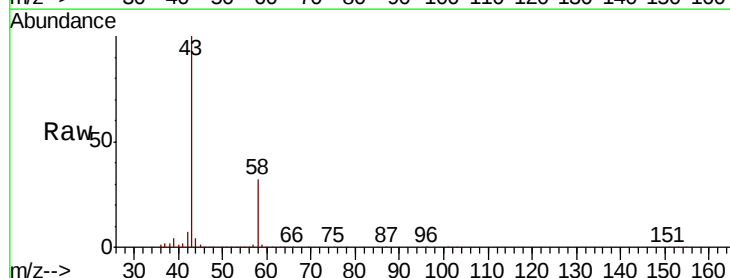
Acq: 20 Aug 2018 12:16

Tgt Ion: 43 Resp: 218841

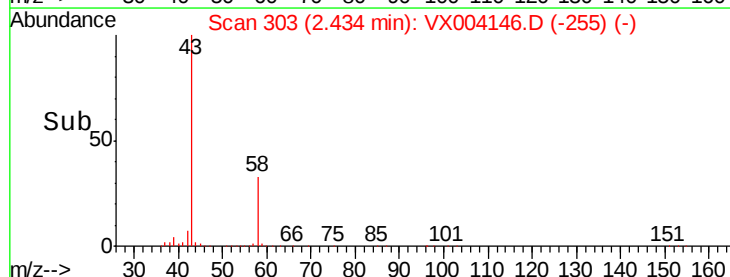
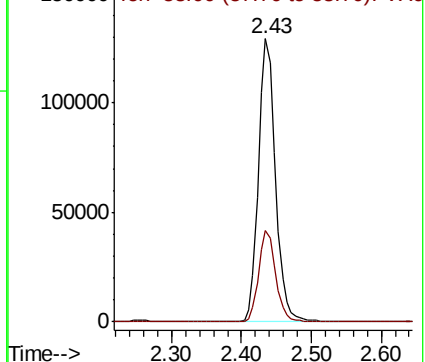
Ion Ratio Lower Upper

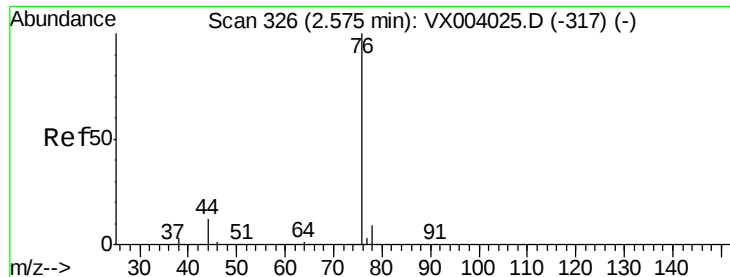
43 100

58 32.5 26.4 39.6



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

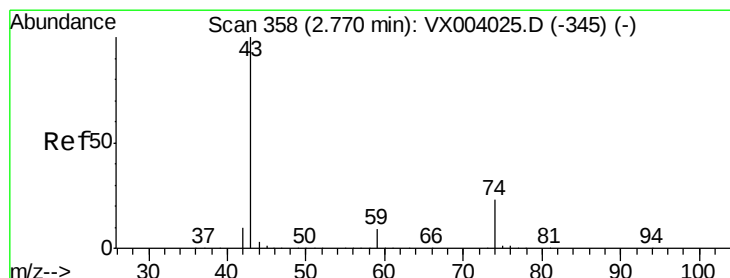
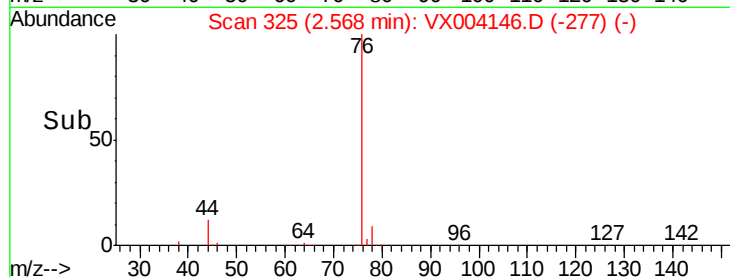
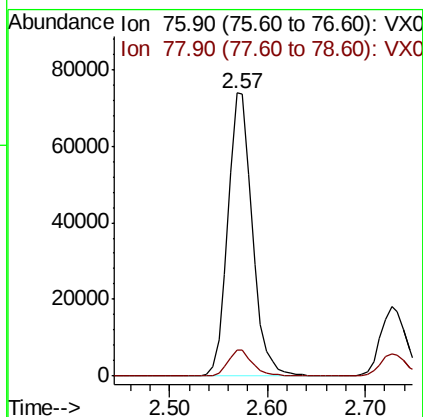
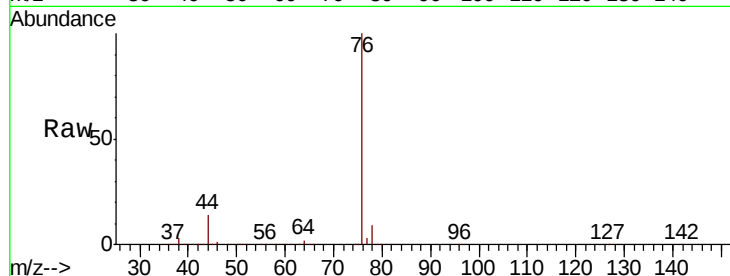




#17
Carbon Disulfide
Concen: 16.70 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

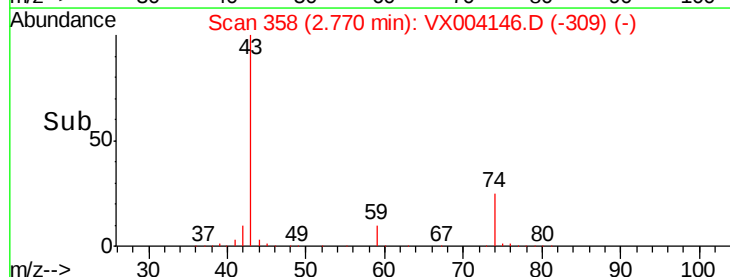
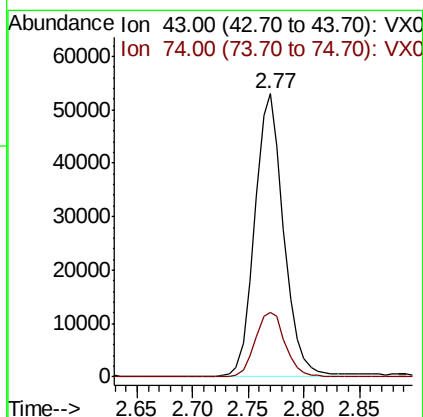
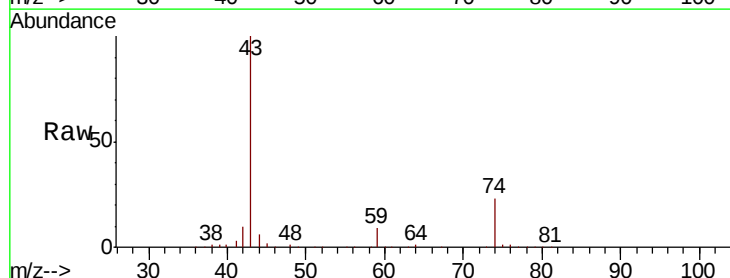
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

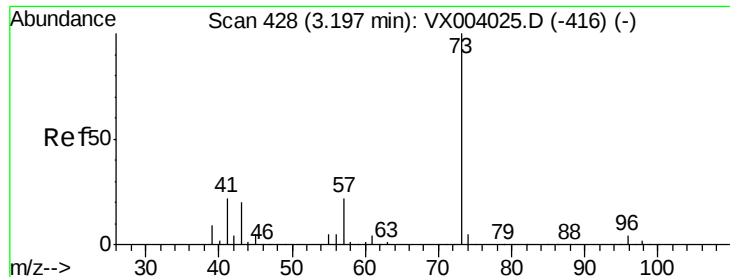
Tot Ion: 76 Resp: 128010
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 22.83 ug/l
RT: 2.77 min Scan# 358
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 43 Resp: 95463
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3

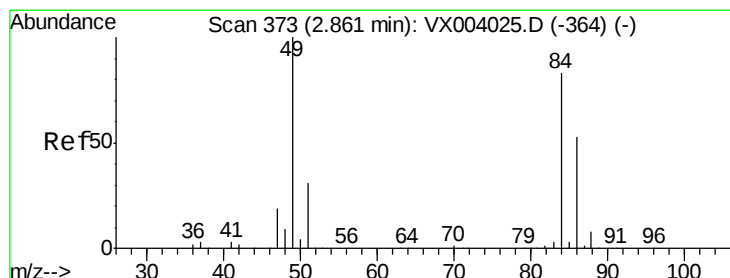
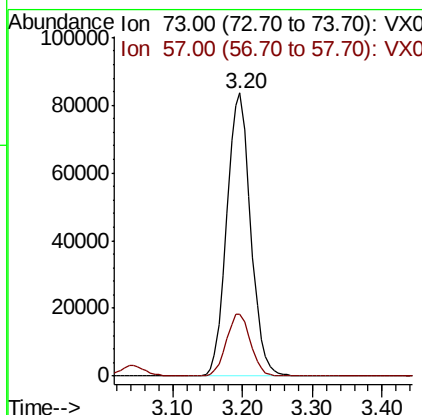
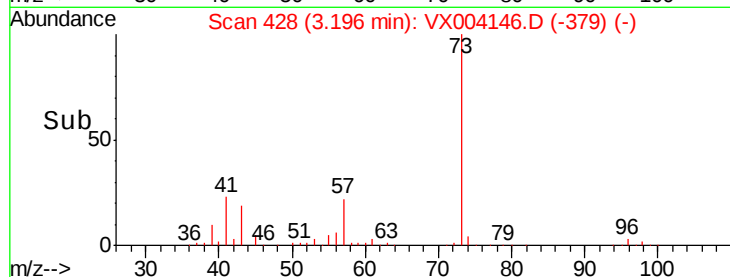
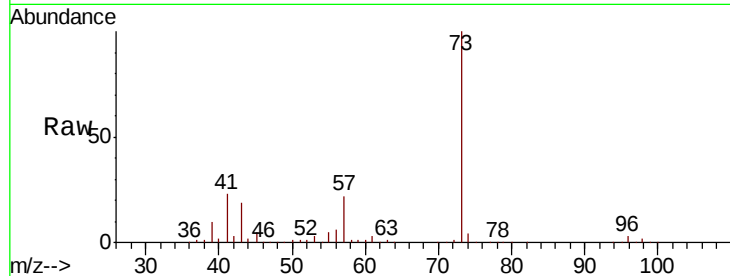




#19
Methyl tert-butyl Ether
Concen: 20.80 ug/l
RT: 3.20 min Scan# 428
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

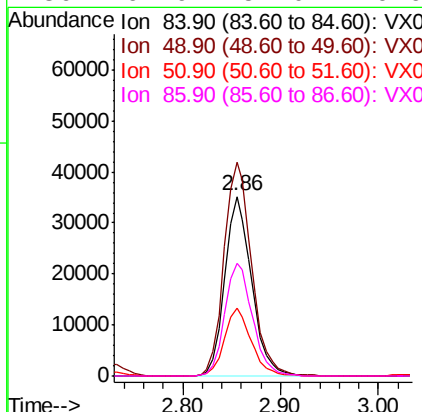
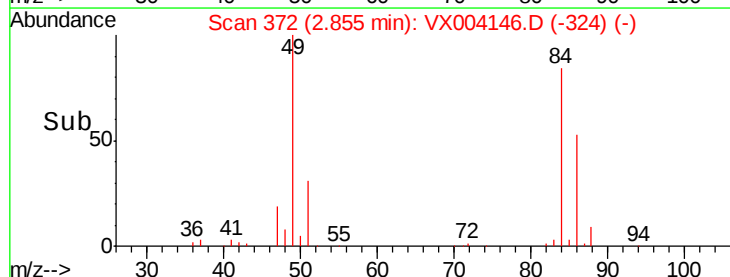
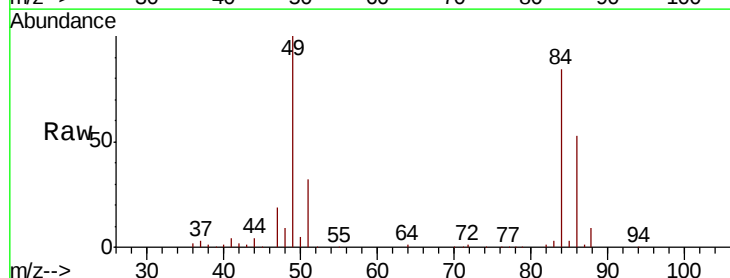
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

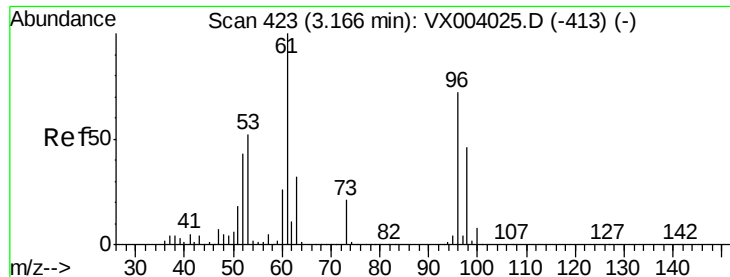
Tot Ion: 73 Resp: 197989
Ion Ratio Lower Upper
73 100
57 22.1 18.0 27.0



#20
Methylene Chloride
Concen: 21.31 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 84 Resp: 66610
Ion Ratio Lower Upper
84 100
49 119.2 98.9 148.3
51 37.6 29.9 44.9
86 62.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VX0820WBS01

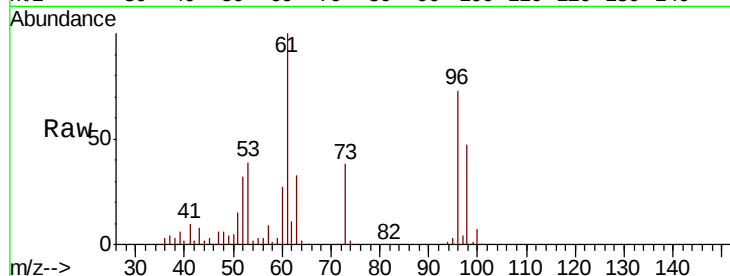
Tot Ion: 96 Resp: 58521

Ion Ratio Lower Upper

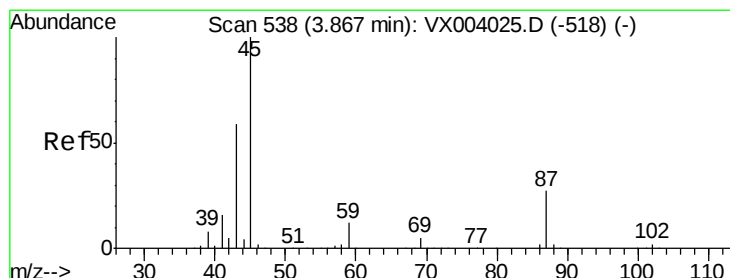
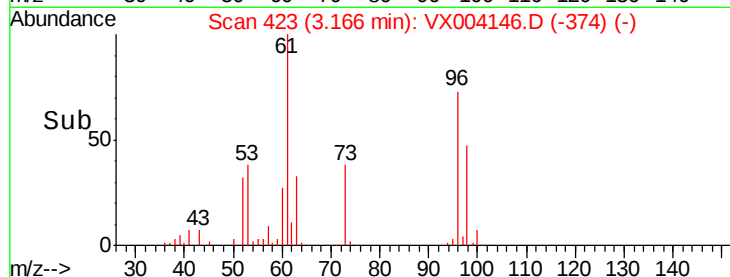
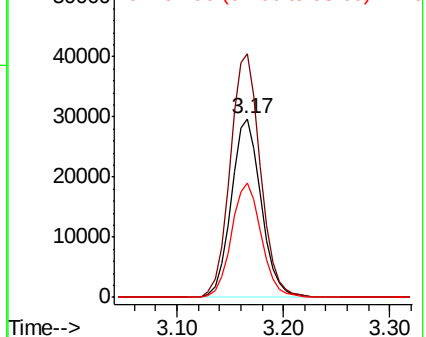
96 100

61 136.3 111.8 167.6

98 64.3 51.8 77.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.56 ug/l

RT: 3.86 min Scan# 537

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Tgt Ion: 45 Resp: 207169

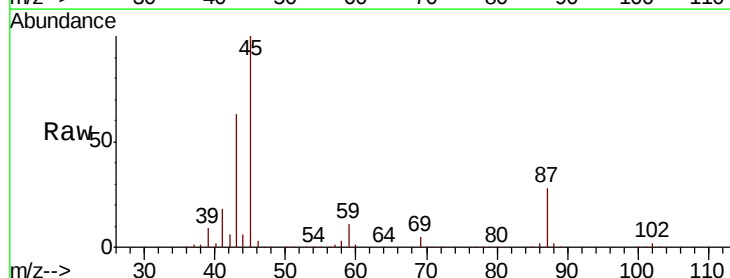
Ion Ratio Lower Upper

45 100

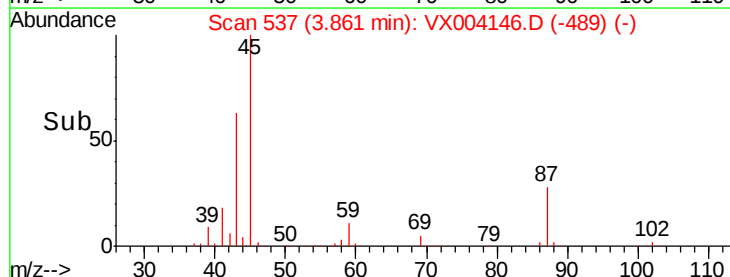
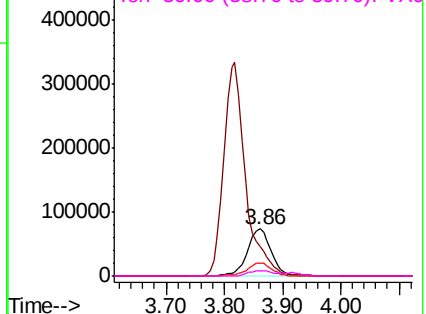
43 63.0 45.3 67.9

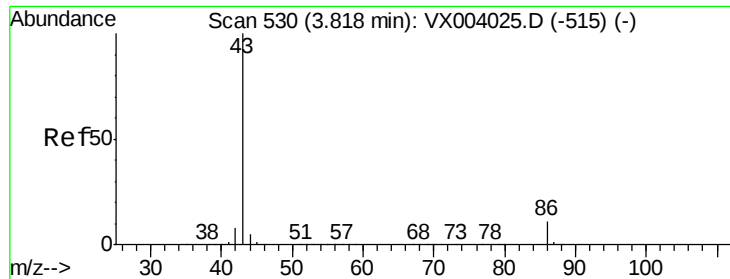
87 28.0 22.7 34.1

59 11.3 9.6 14.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 105.65 ug/l

RT: 3.82 min Scan# 530

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

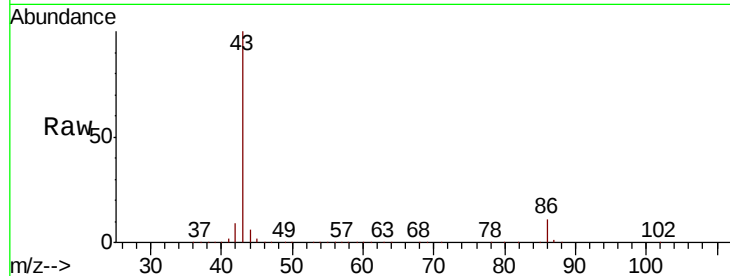
VX0820WBS01

Tot Ion: 43 Resp: 874233

Ion Ratio Lower Upper

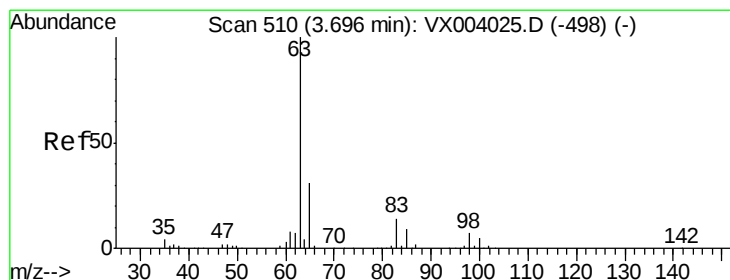
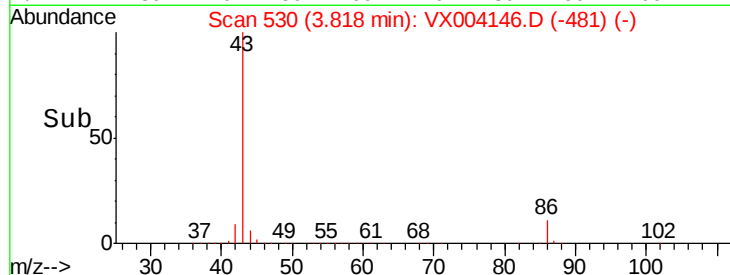
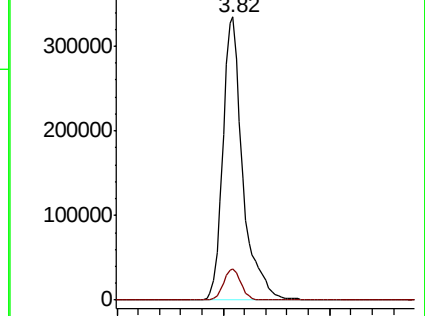
43 100

86 11.0 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.56 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

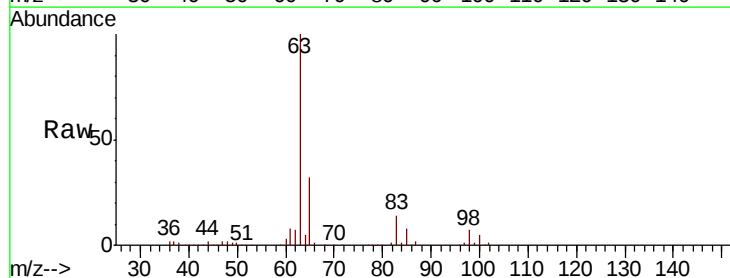
Tgt Ion: 63 Resp: 117347

Ion Ratio Lower Upper

63 100

98 7.3 3.5 10.5

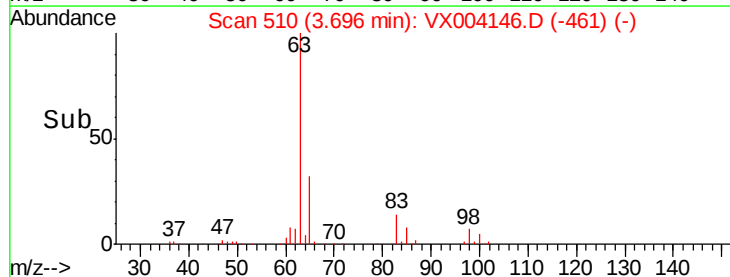
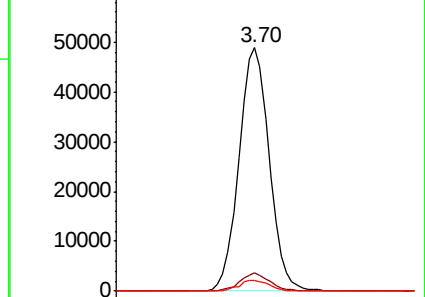
100 4.5 2.3 6.8

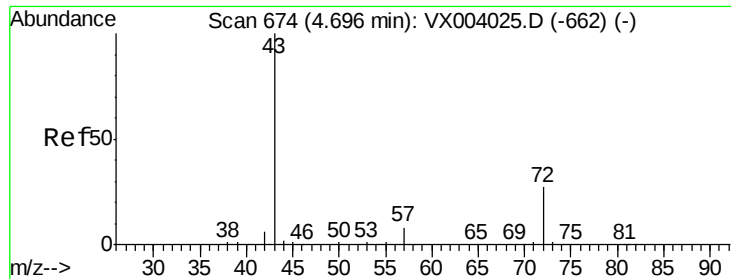


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 107.66 ug/l

RT: 4.69 min Scan# 673

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

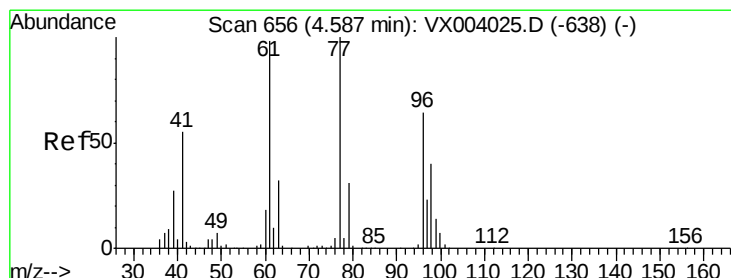
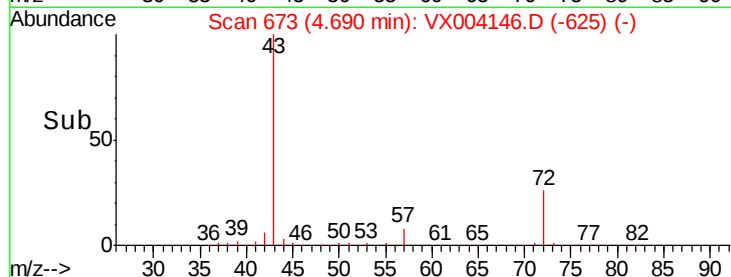
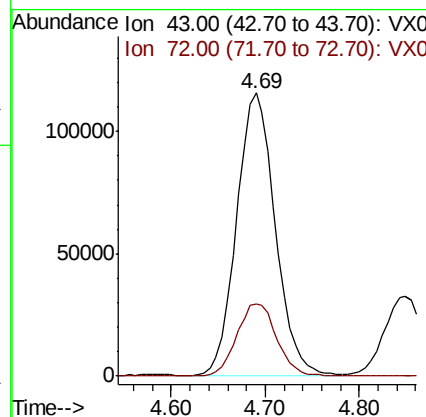
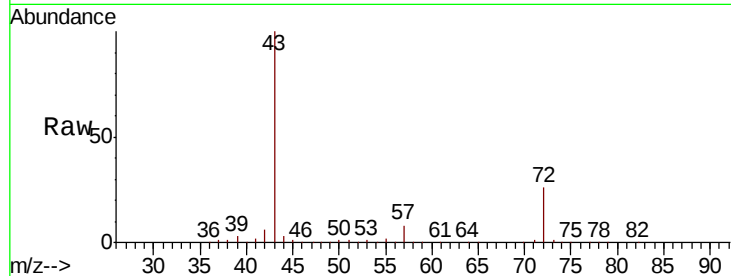
VX0820WBS01

Tot Ion: 43 Resp: 329585

Ion Ratio Lower Upper

43 100

72 25.5 21.4 32.0



#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX004146.D

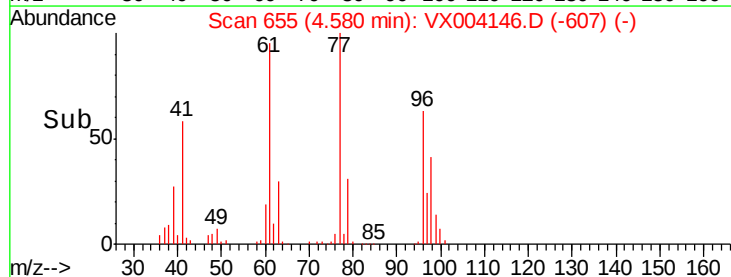
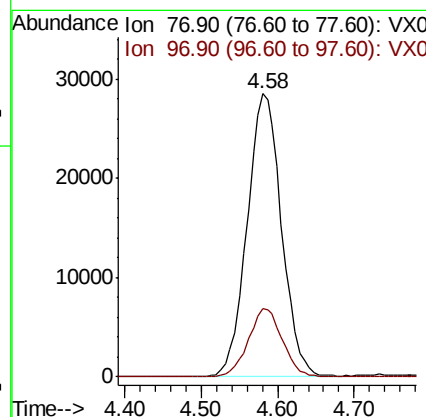
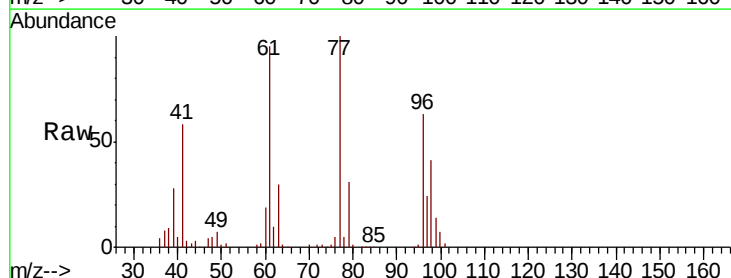
Acq: 20 Aug 2018 12:16

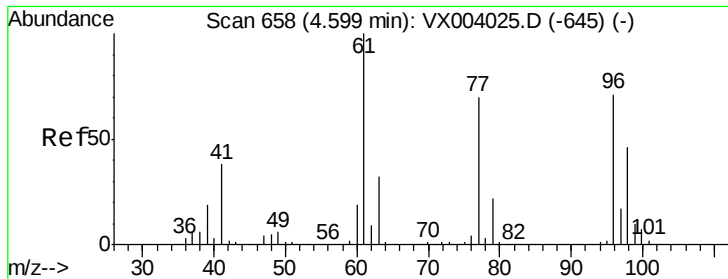
Tgt Ion: 77 Resp: 88544

Ion Ratio Lower Upper

77 100

97 24.0 11.9 35.9



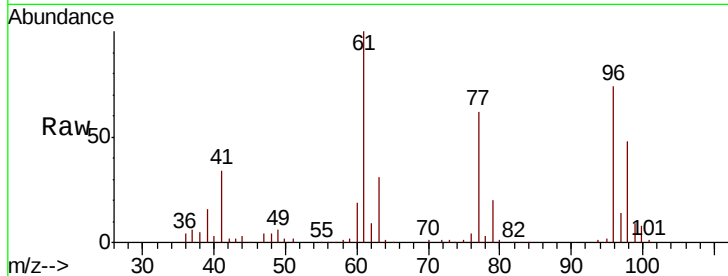


#27

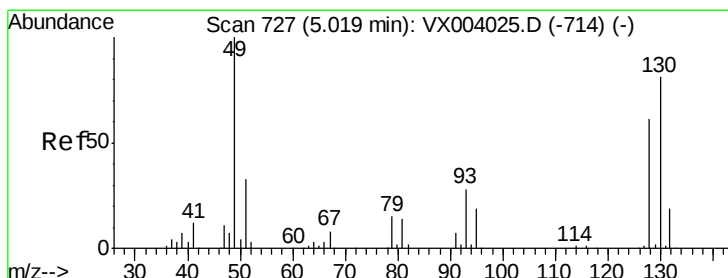
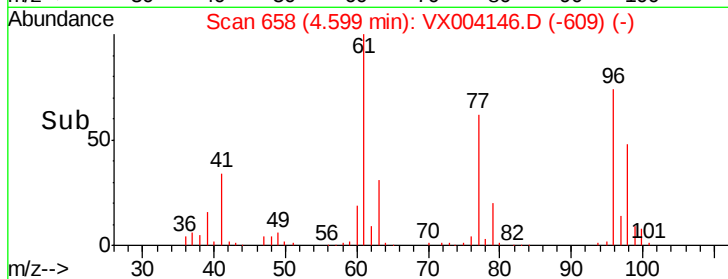
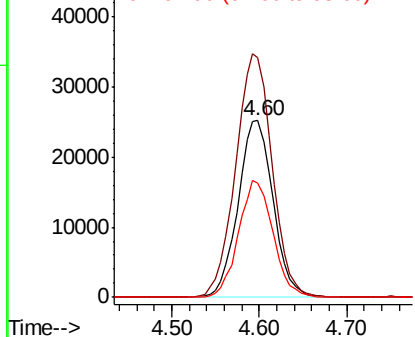
cis-1,2-Dichloroethene
Concen: 20.32 ug/l
RT: 4.60 min Scan# 658
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion: 96 Resp: 70104
Ion Ratio Lower Upper
96 100
61 143.6 0.0 293.0
98 65.1 0.0 131.8



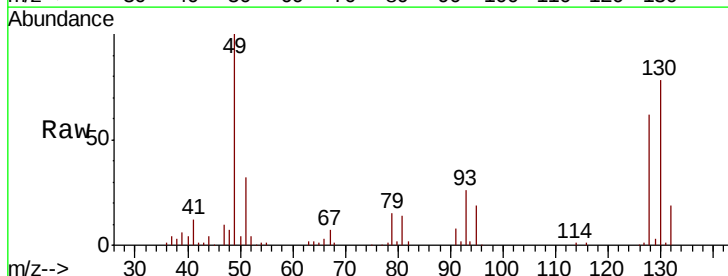
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



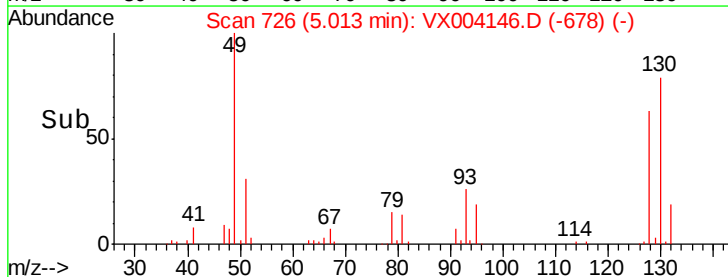
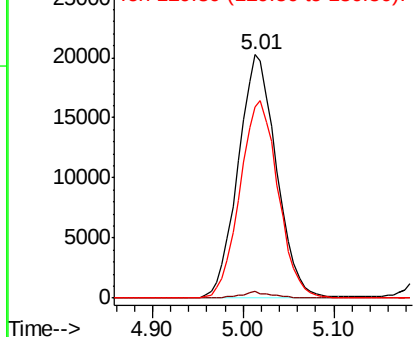
#28

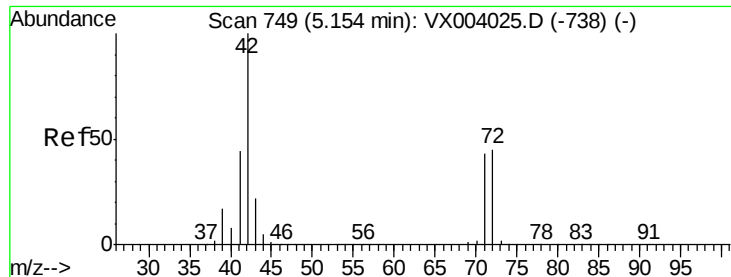
Bromochloromethane
Concen: 22.68 ug/l
RT: 5.01 min Scan# 726
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 49 Resp: 59387
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 80.9 66.5 99.7



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 100.14 ug/l

RT: 5.15 min Scan# 748

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

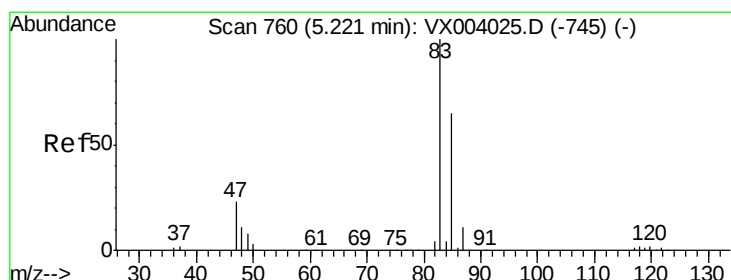
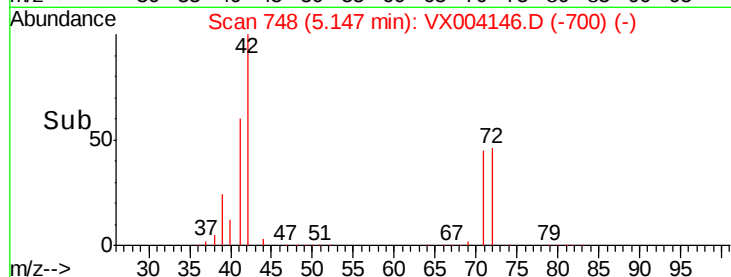
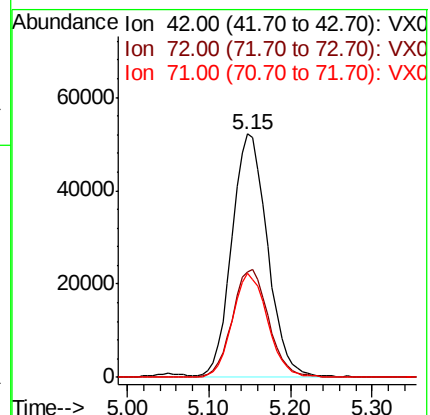
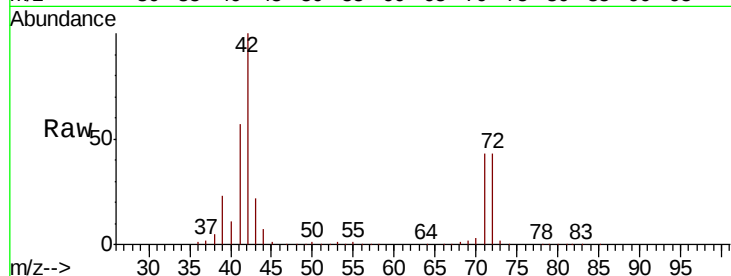
Tot Ion: 42 Resp: 156630

Ion Ratio Lower Upper

42 100

72 45.6 37.7 56.5

71 42.8 35.0 52.6



#30

Chloroform

Concen: 20.61 ug/l

RT: 5.21 min Scan# 758

Delta R.T. -0.01 min

Lab File: VX004146.D

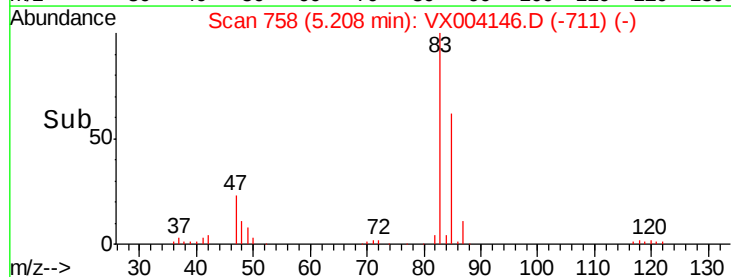
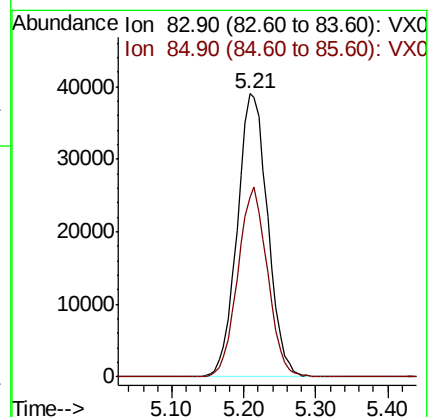
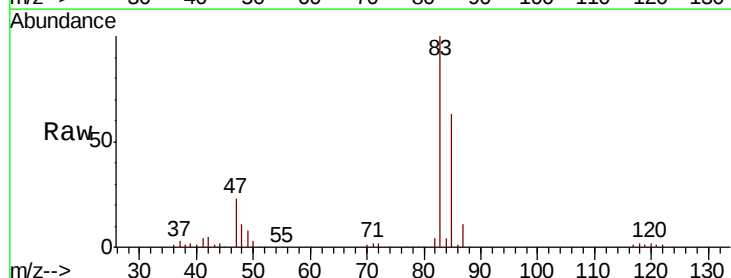
Acq: 20 Aug 2018 12:16

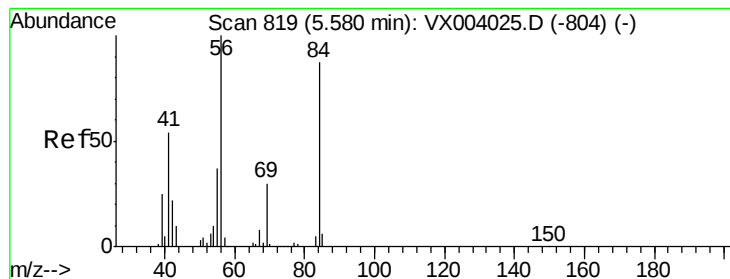
Tgt Ion: 83 Resp: 114771

Ion Ratio Lower Upper

83 100

85 63.4 50.7 76.1





#31

Cyclohexane

Concen: 17.18 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

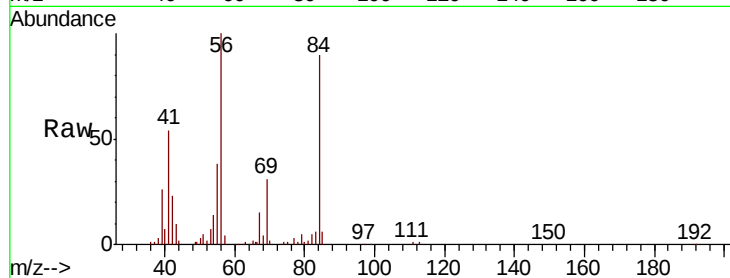
Tot Ion: 56 Resp: 85940

Ion Ratio Lower Upper

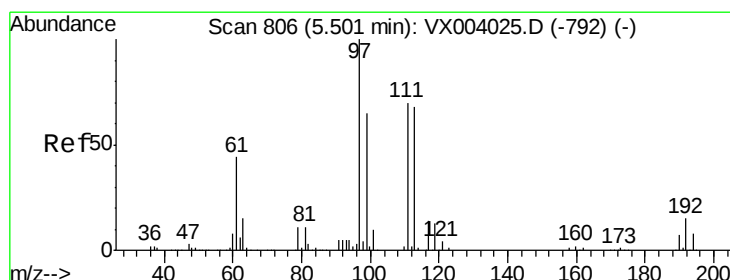
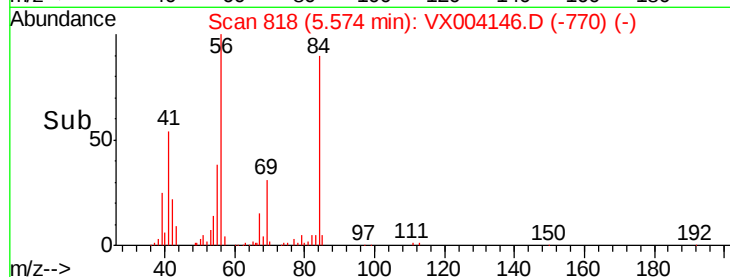
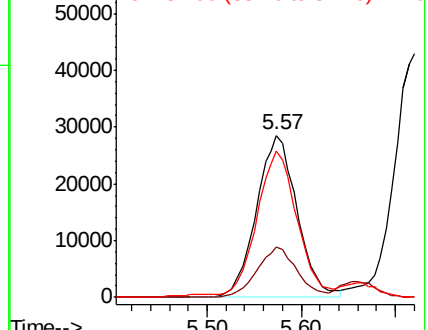
56 100

69 31.1 24.9 37.3

84 88.9 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 19.89 ug/l

RT: 5.49 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

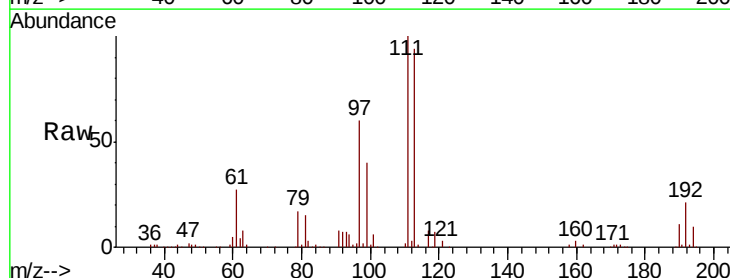
Tgt Ion: 97 Resp: 92568

Ion Ratio Lower Upper

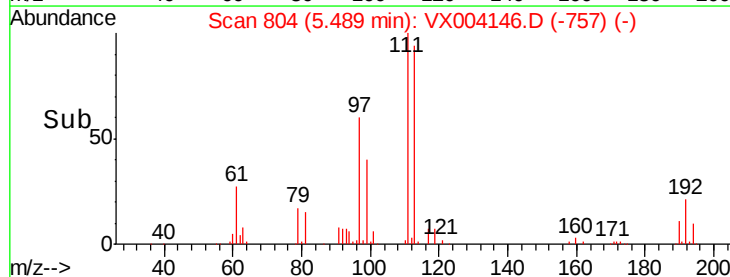
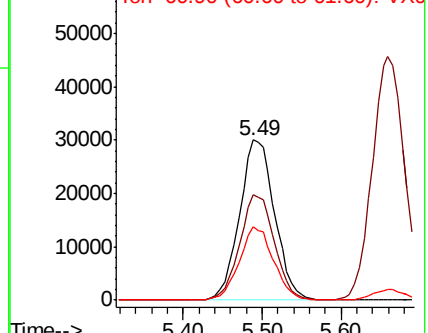
97 100

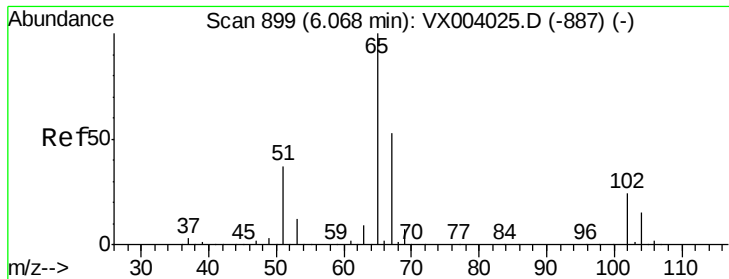
99 65.1 51.8 77.8

61 44.8 34.4 51.6



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

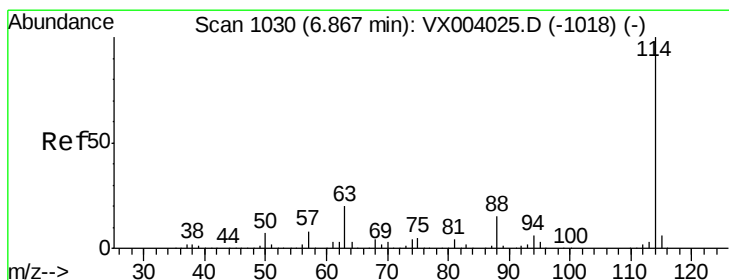
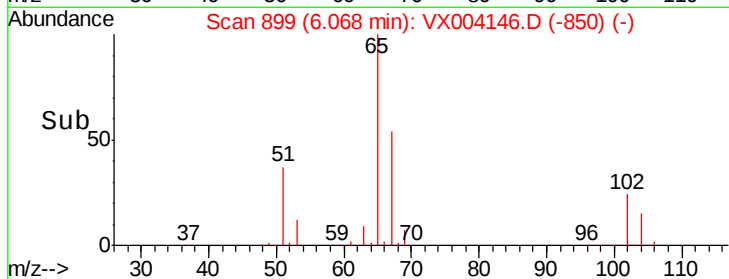
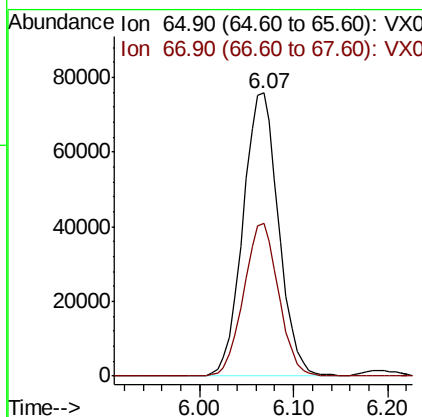
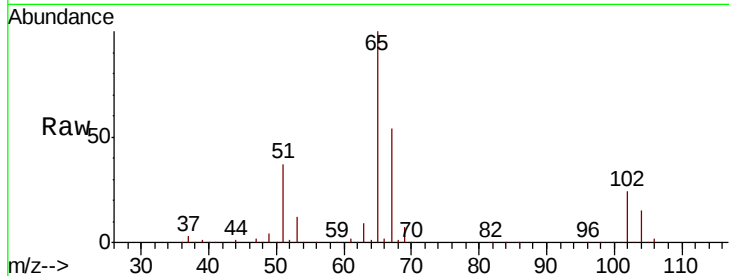




#33
 1,2-Dichloroethane-d4
 Concen: 55.51 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

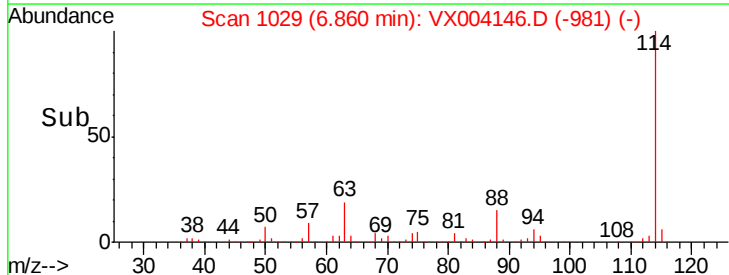
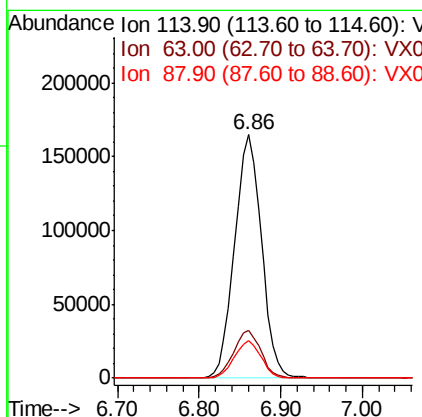
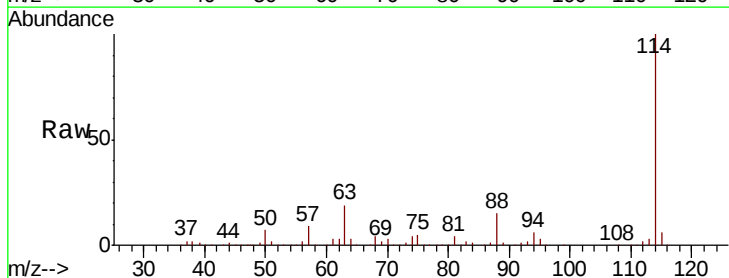
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

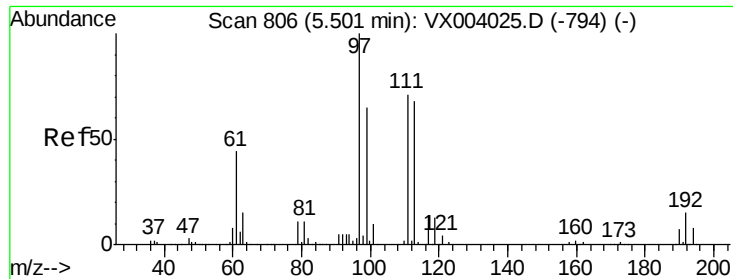
Tot Ion: 65 Resp: 200895
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 114 Resp: 375362
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.4 0.0 32.0

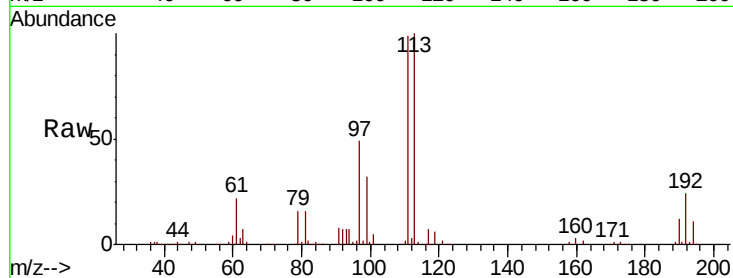




#35
 Dibromofluoromethane
 Concen: 58.11 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.0	123.0
192	23.9	19.0	28.4

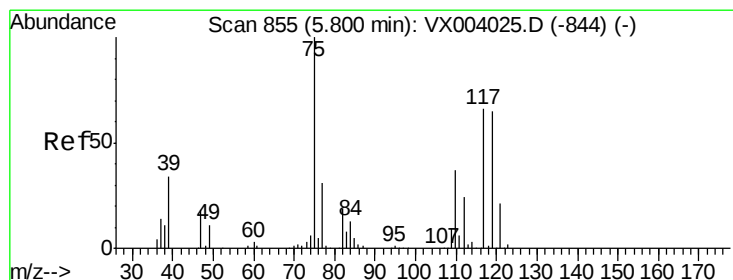
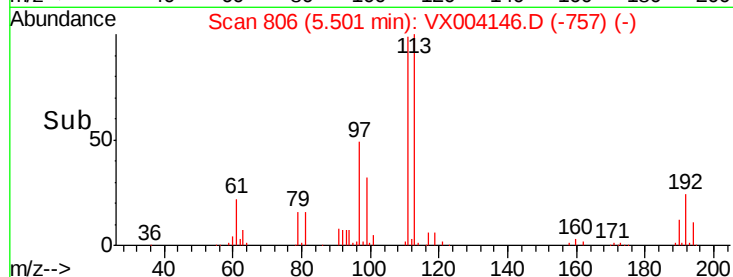
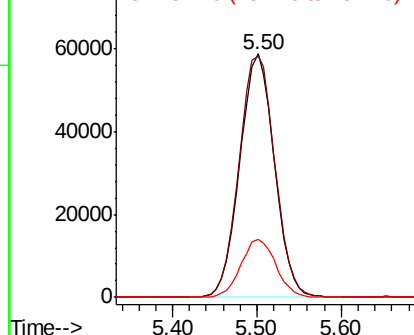


Abundance

Ion 112.80 (112.50 to 113.50): V

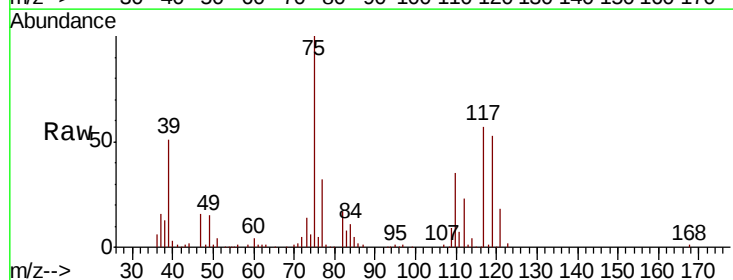
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 18.88 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.2	54.6
77	31.3	25.0	37.4

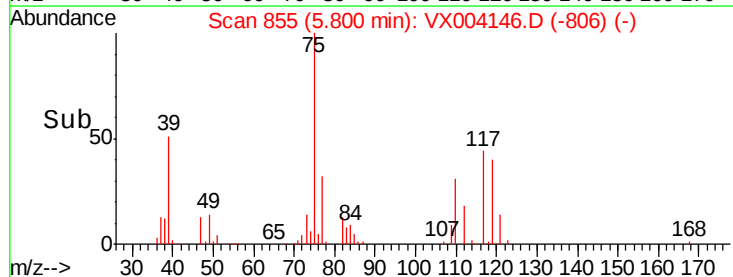
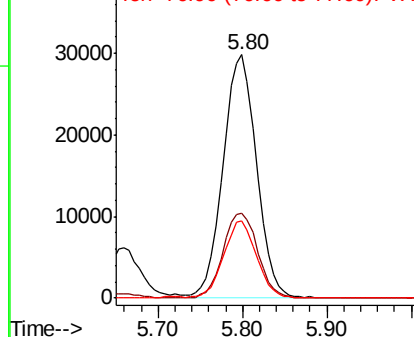


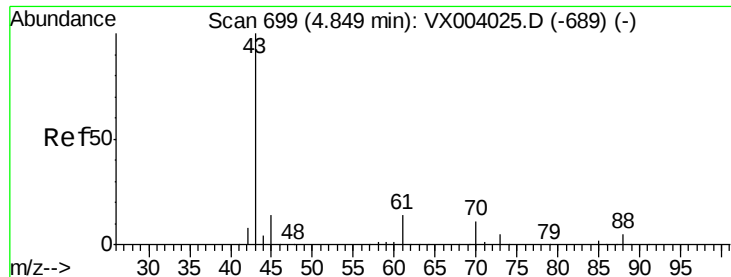
Abundance

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

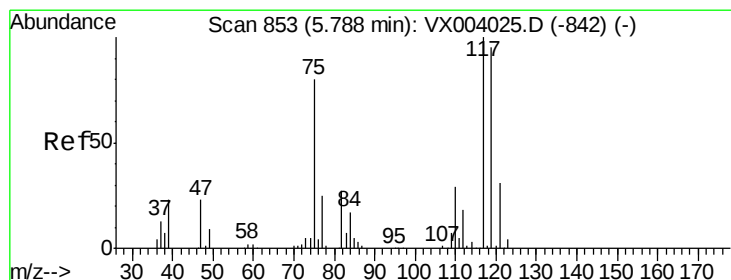
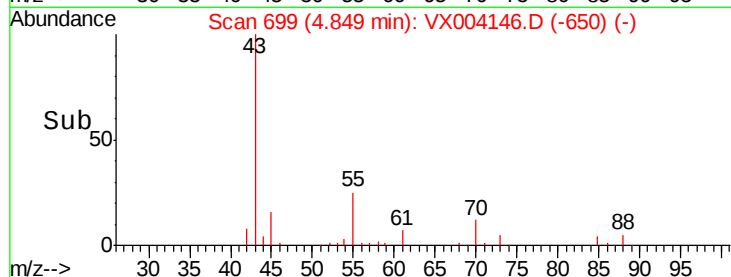
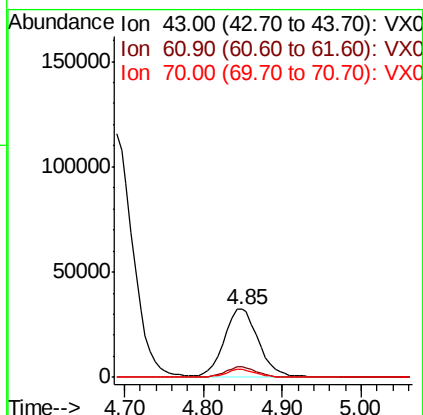
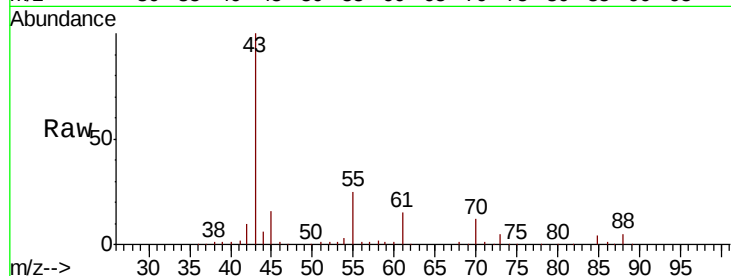




#37
Ethyl Acetate
Concen: 20.96 ug/l
RT: 4.85 min Scan# 699
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

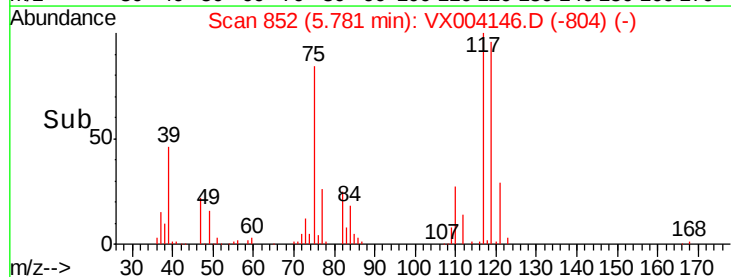
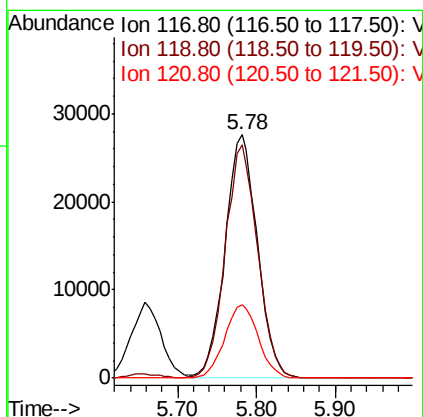
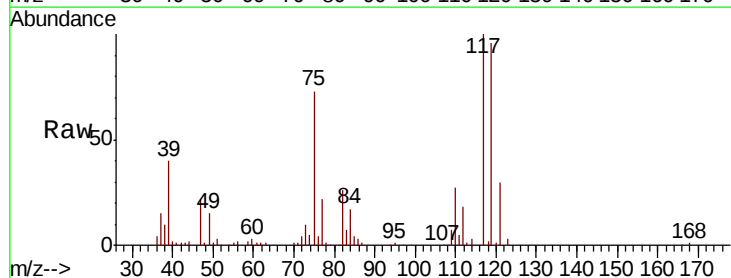
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

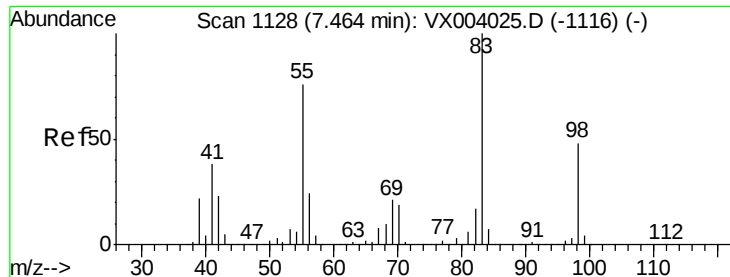
Tot Ion: 43 Resp: 97516
Ion Ratio Lower Upper
43 100
61 14.5 11.5 17.3
70 11.1 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.01 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 117 Resp: 78896
Ion Ratio Lower Upper
117 100
119 95.9 79.5 119.3
121 30.4 25.0 37.4

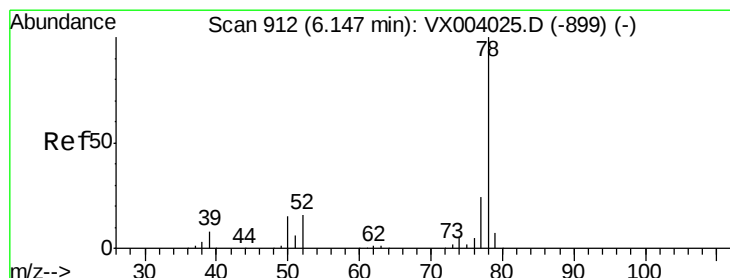
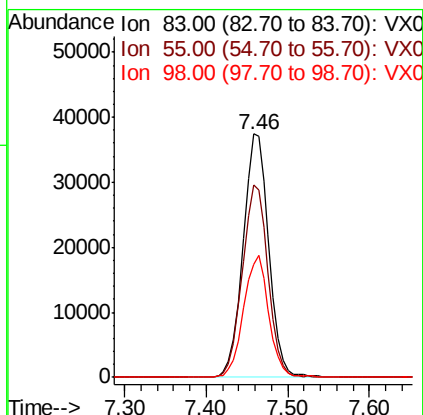
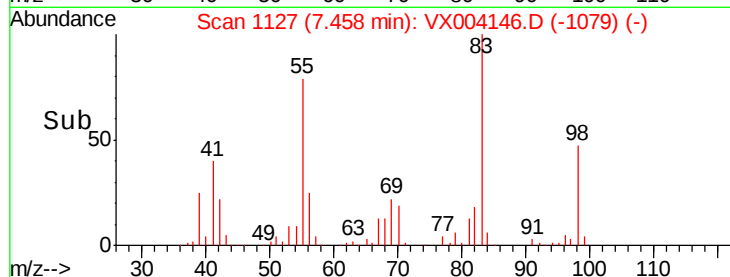
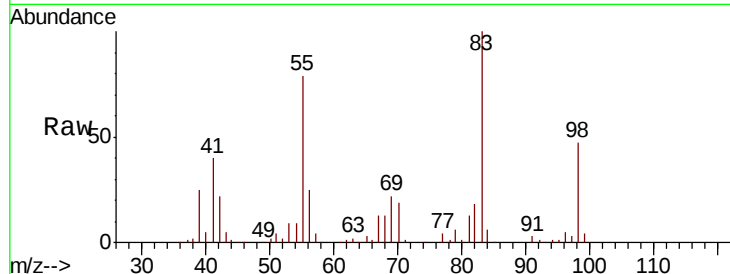




#39
Methvlcvclohexane
Concen: 16.88 ug/l
RT: 7.46 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

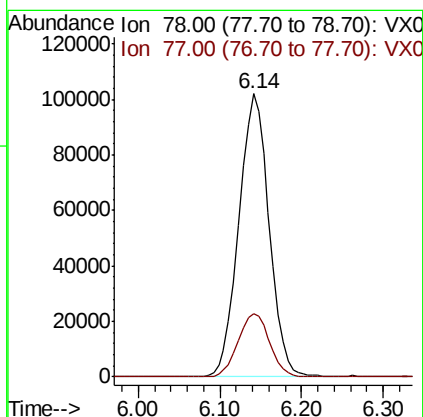
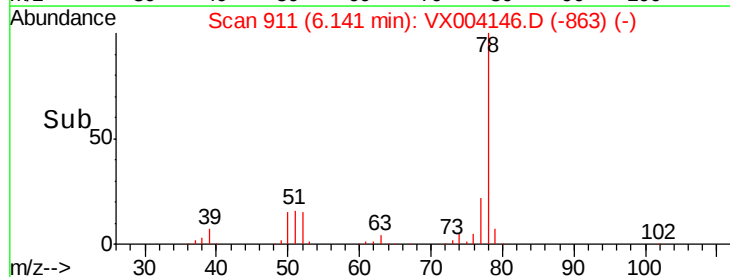
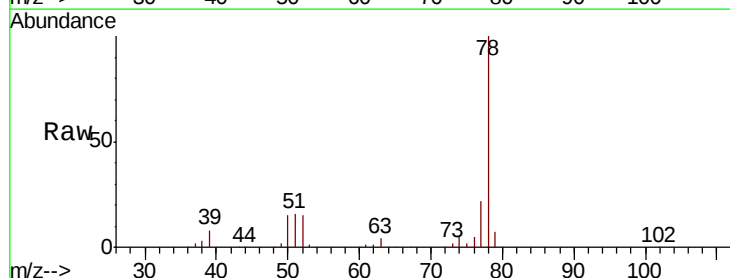
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

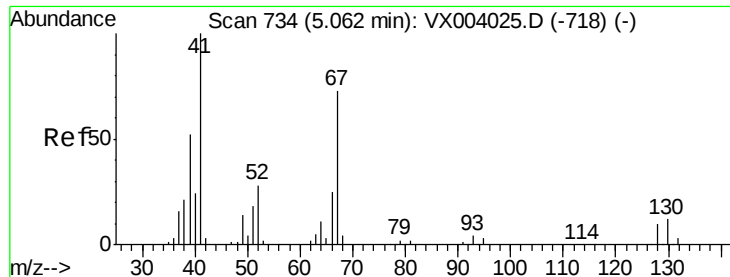
Tot Ion: 83 Resp: 81812
Ion Ratio Lower Upper
83 100
55 79.0 61.0 91.6
98 46.5 38.6 57.8



#40
Benzene
Concen: 20.47 ug/l
RT: 6.14 min Scan# 911
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 78 Resp: 262525
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4

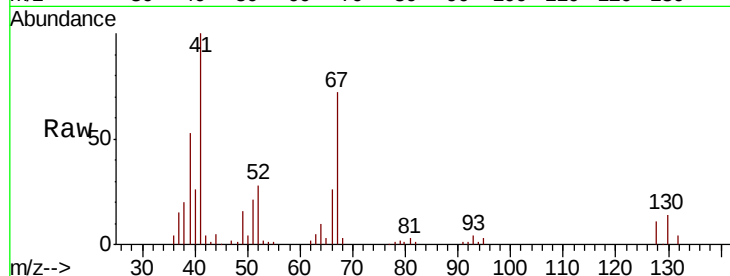




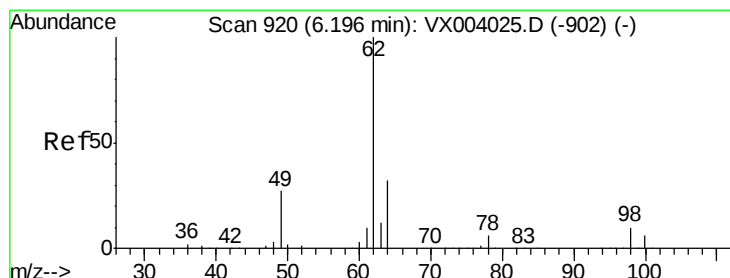
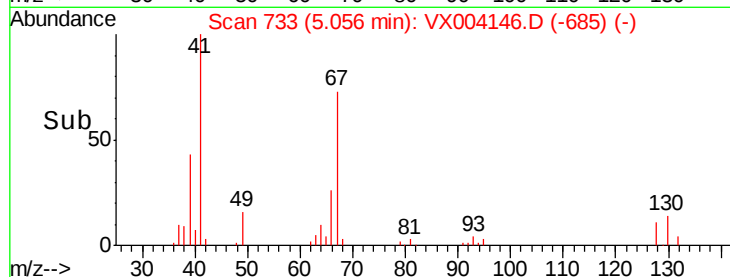
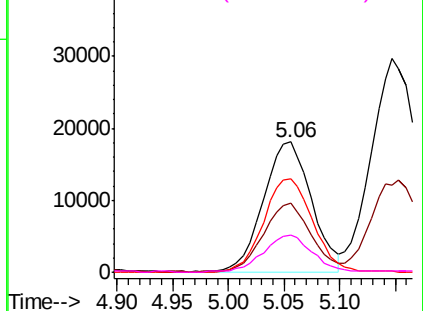
#41
Methacrylonitrile
Concen: 20.71 ug/l
RT: 5.06 min Scan# 733
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VX0820WBS01

Tot Ion:	41	Resp:	53954
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.7	64.1
67	74.2	58.9	88.3
52	30.0	22.6	33.8

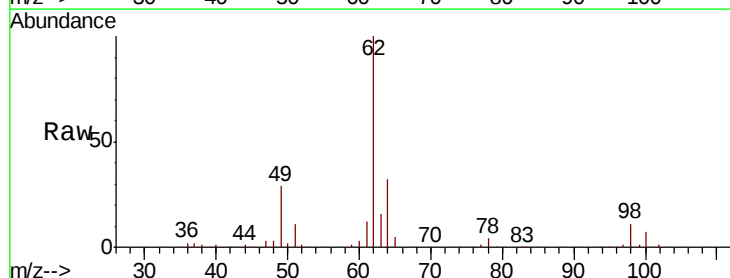


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

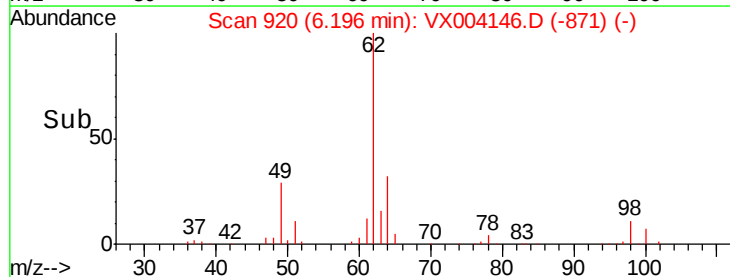
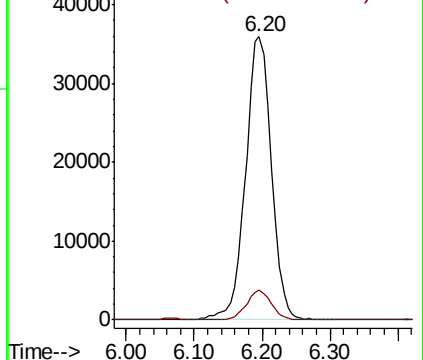


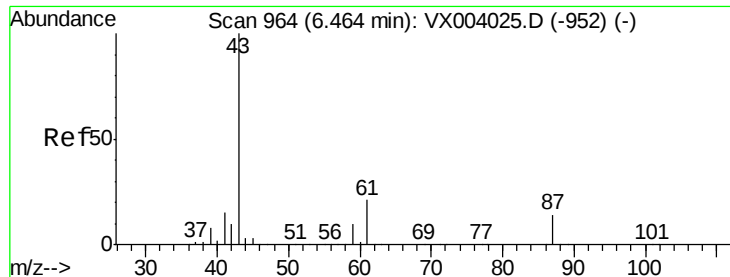
#42
1,2-Dichloroethane
Concen: 21.21 ug/l
RT: 6.20 min Scan# 920
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion:	62	Resp:	95227
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 20.48 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

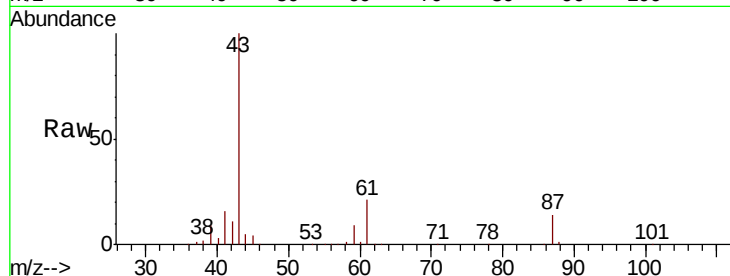
Tot Ion: 43 Resp: 140405

Ion Ratio Lower Upper

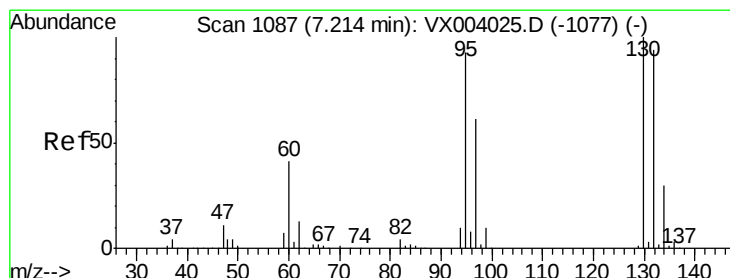
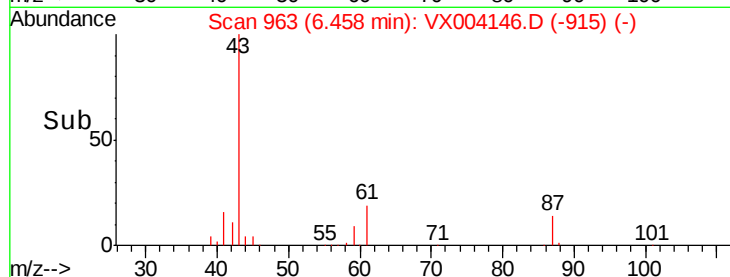
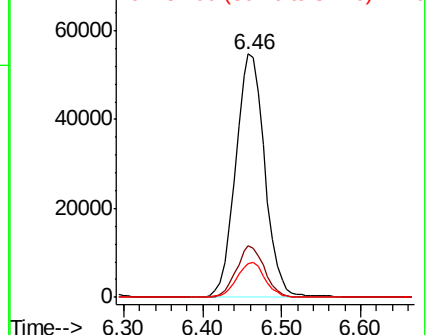
43 100

61 20.8 16.9 25.3

87 13.9 11.3 16.9



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: 19.66 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004146.D

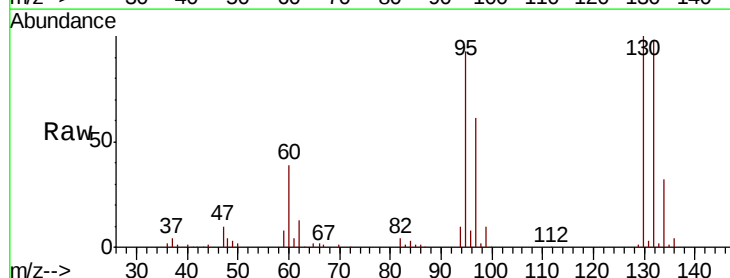
Acq: 20 Aug 2018 12:16

Tgt Ion:130 Resp: 68441

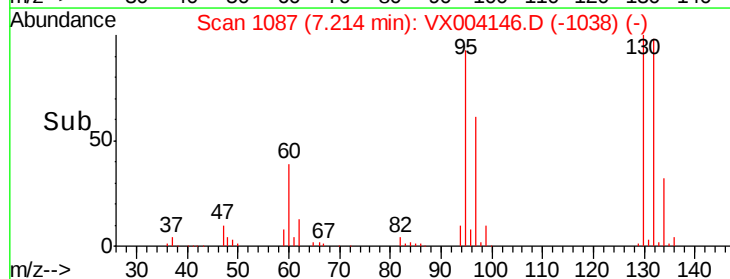
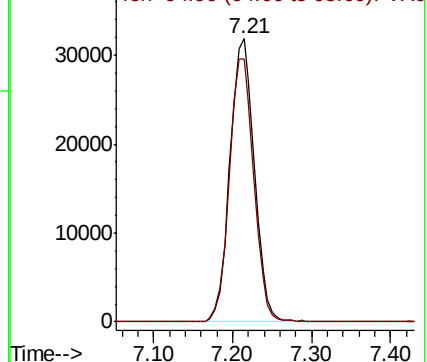
Ion Ratio Lower Upper

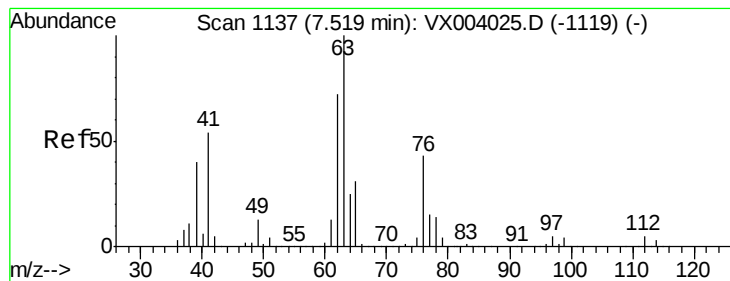
130 100

95 92.9 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.90 ug/l

RT: 7.51 min Scan# 1136

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

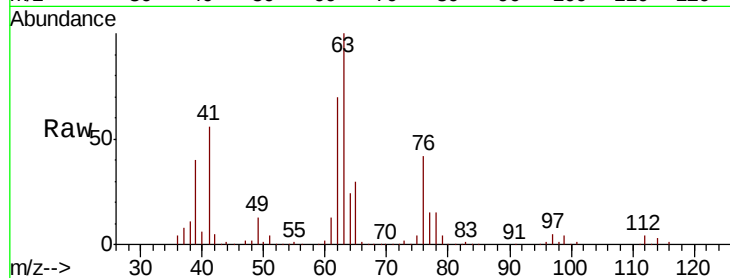
VX0820WBS01

Tot Ion: 63 Resp: 68612

Ion Ratio Lower Upper

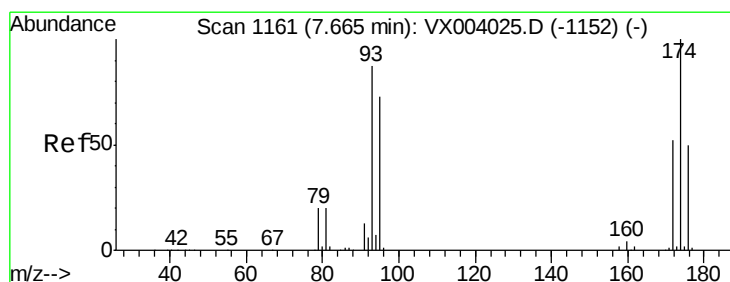
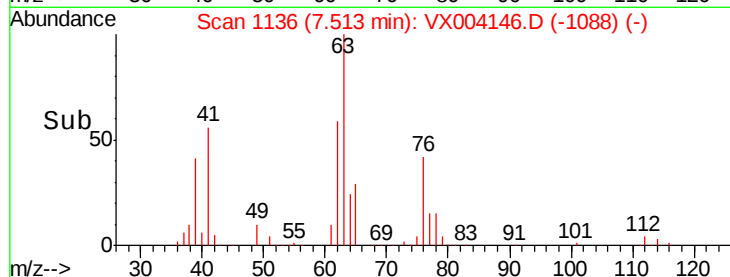
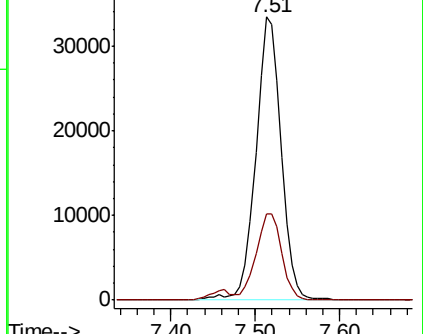
63 100

65 30.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.15 ug/l

RT: 7.66 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

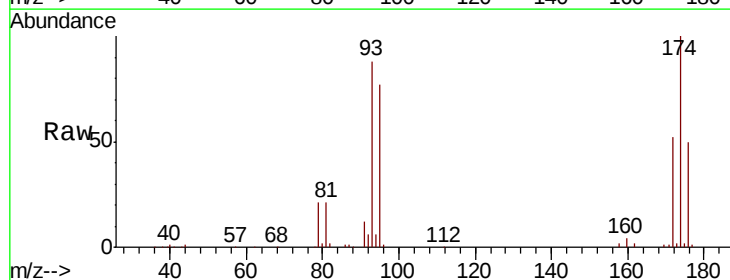
Tgt Ion: 93 Resp: 45372

Ion Ratio Lower Upper

93 100

95 83.6 66.4 99.6

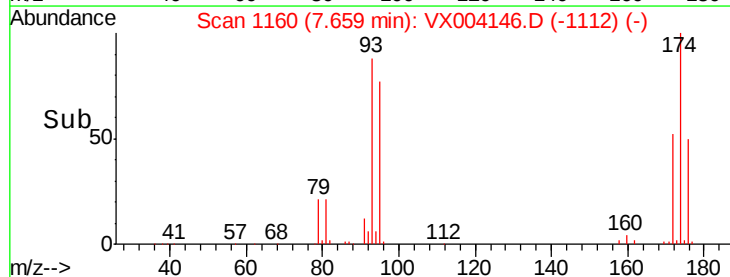
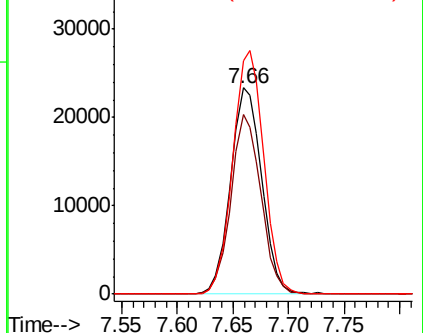
174 117.3 94.3 141.5

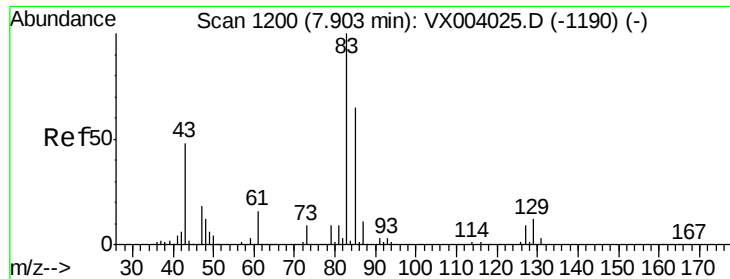


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.05 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

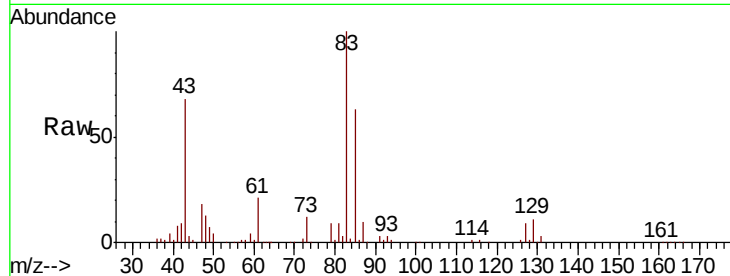
Tot Ion: 83 Resp: 85536

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

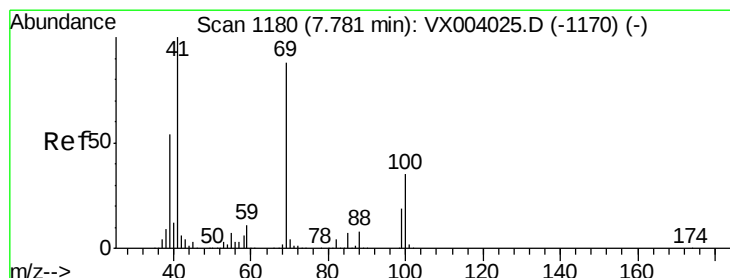
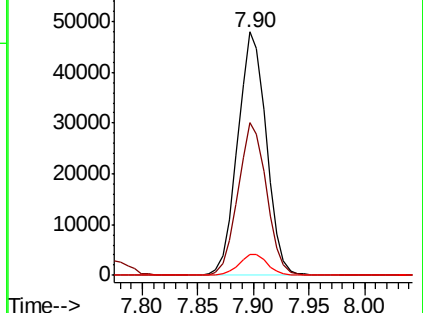
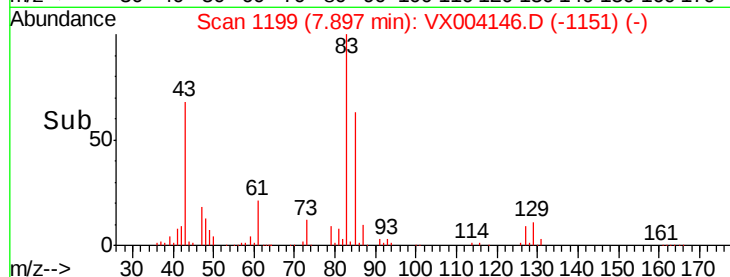
127 8.8 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.04 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

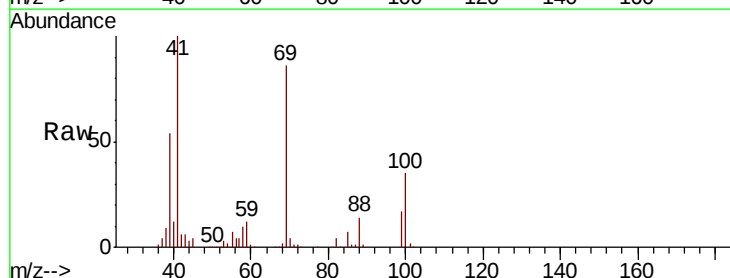
Tgt Ion: 41 Resp: 72611

Ion Ratio Lower Upper

41 100

69 86.2 68.8 103.2

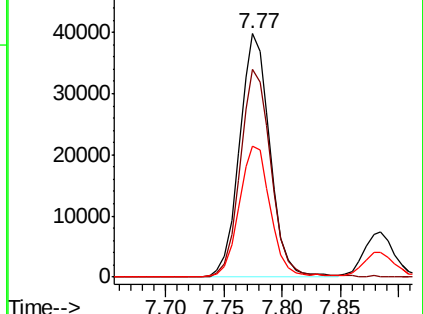
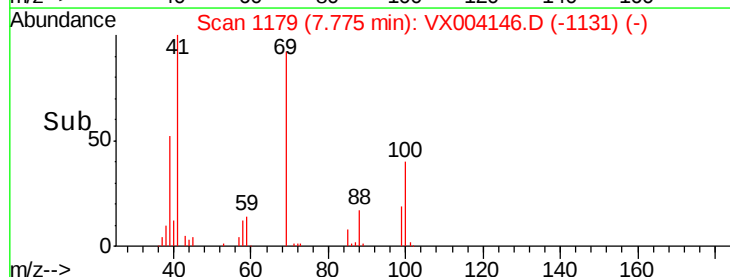
39 54.5 42.3 63.5

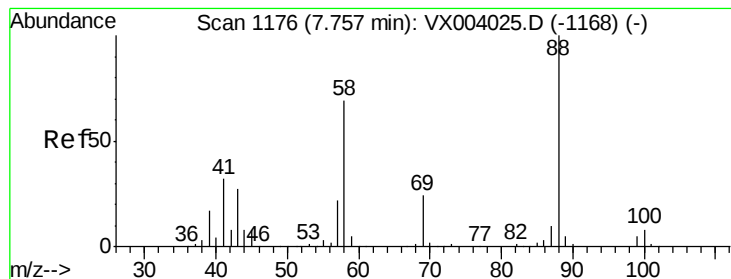


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 413.84 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

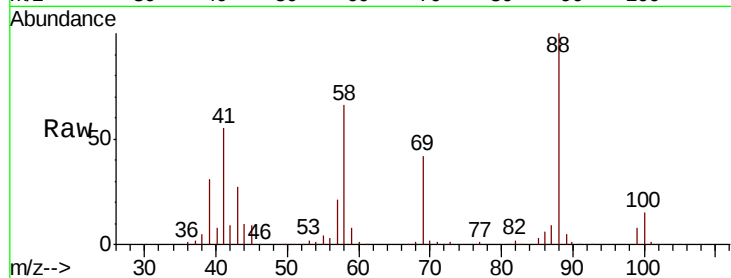
Tot Ion: 88 Resp: 32157

Ion	Ratio	Lower	Upper
88	100		
43	32.5	23.8	35.8
58	72.5	55.4	83.0

88 100

43 32.5 23.8 35.8

58 72.5 55.4 83.0

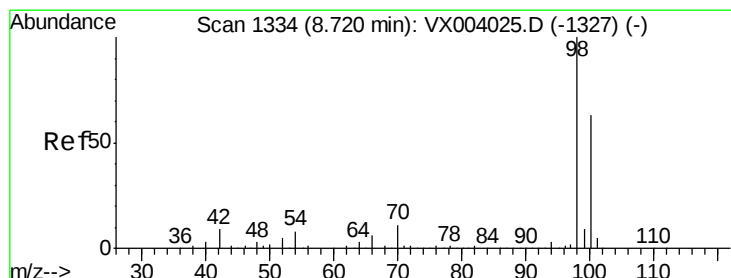
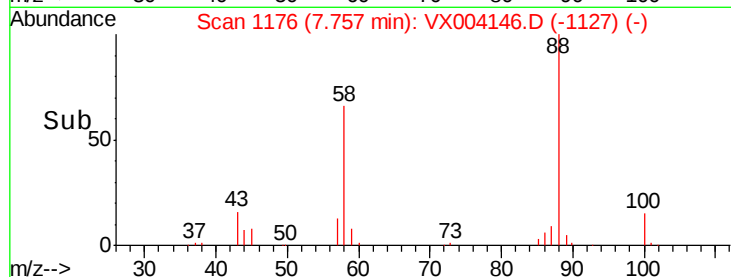
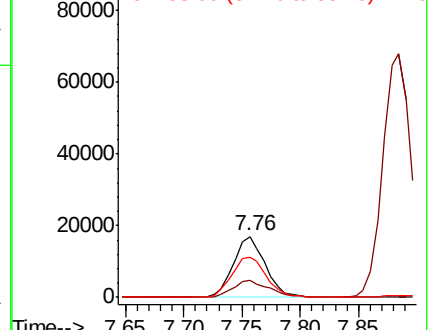


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 54.45 ug/l

RT: 8.71 min Scan# 1333

Delta R.T. -0.01 min

Lab File: VX004146.D

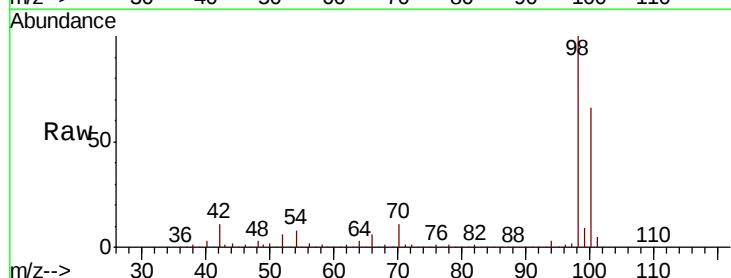
Acq: 20 Aug 2018 12:16

Tgt Ion: 98 Resp: 620134

Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.3	79.9

98 100

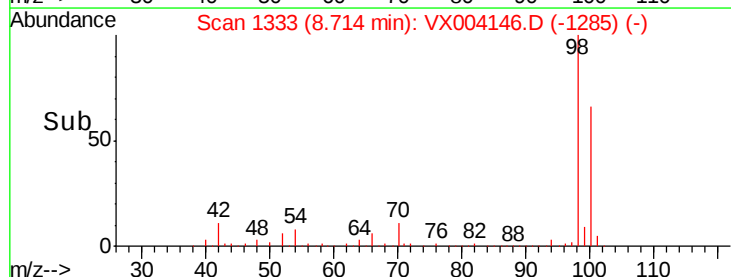
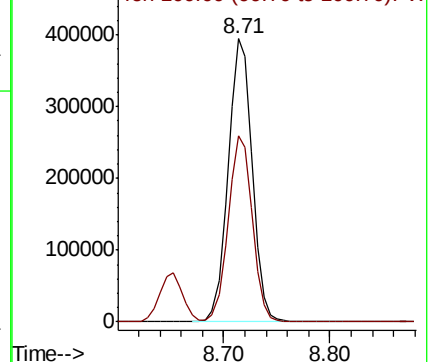
100 66.4 53.3 79.9

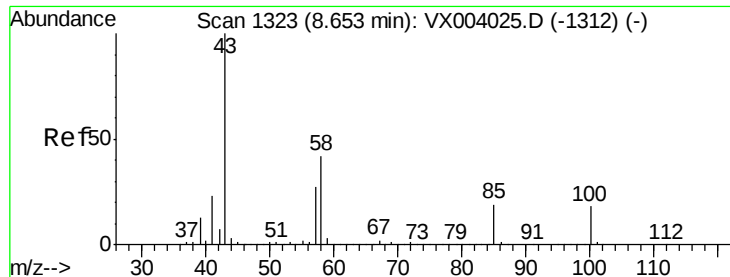


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

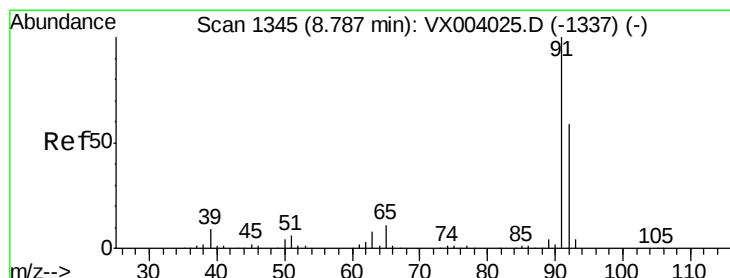
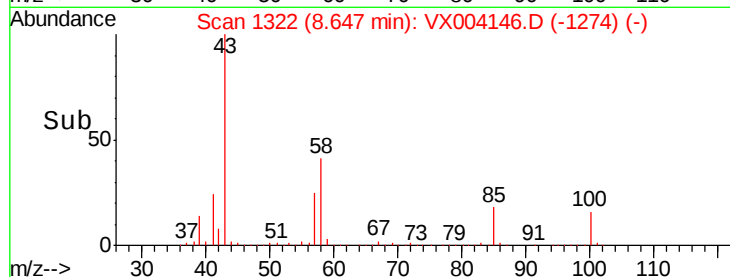
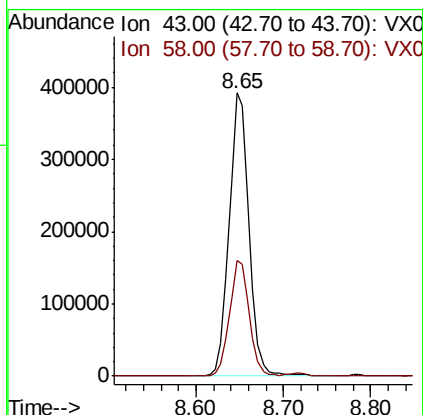
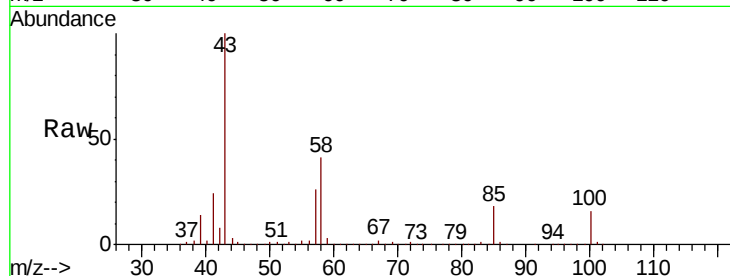




#51
4-Methyl-2-Pentanone
Concen: 110.02 ug/l
RT: 8.65 min Scan# 1322
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

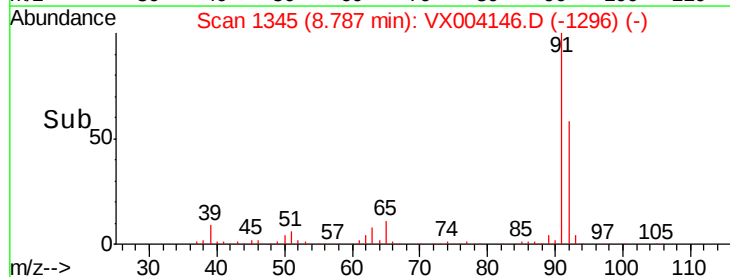
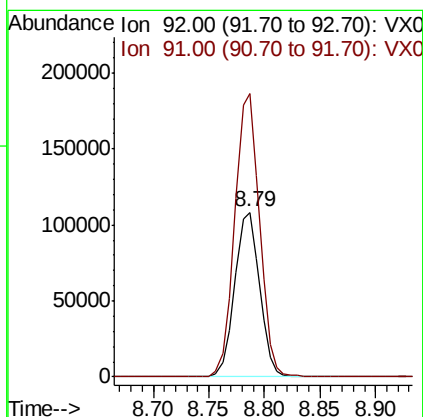
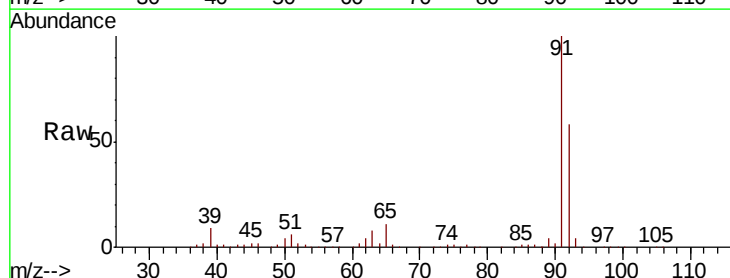
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

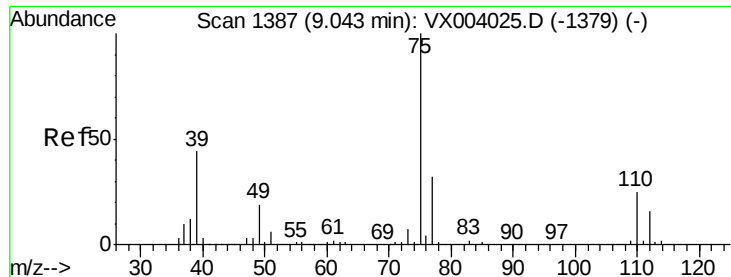
Tot Ion: 43 Resp: 618495
Ion Ratio Lower Upper
43 100
58 40.7 33.0 49.6



#52
Toluene
Concen: 20.74 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 92 Resp: 168198
Ion Ratio Lower Upper
92 100
91 171.2 136.1 204.1

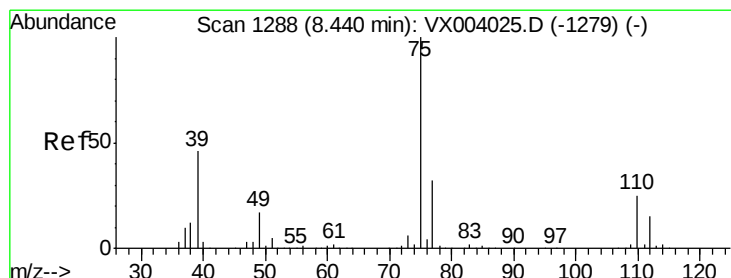
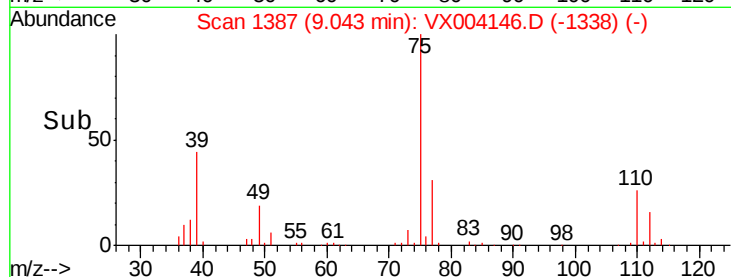
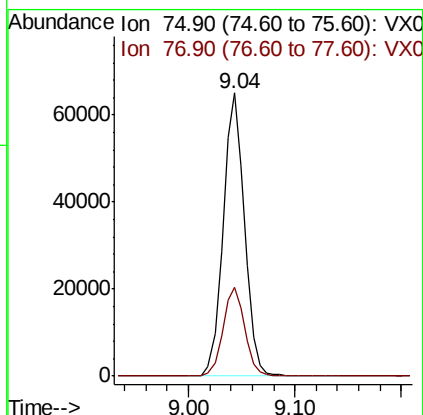
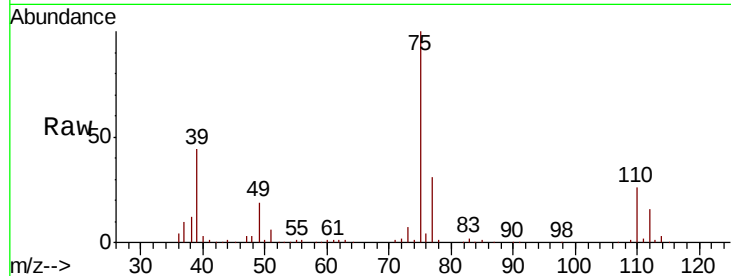




#53
 t-1,3-Dichloropropene
 Concen: 20.69 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

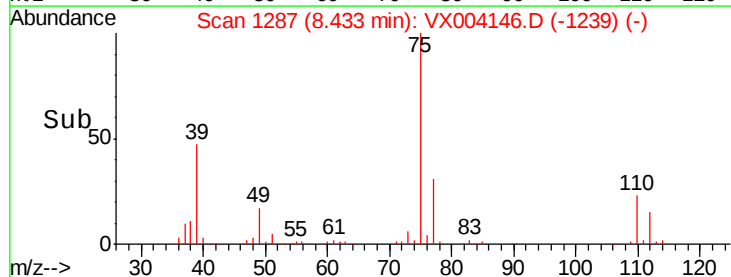
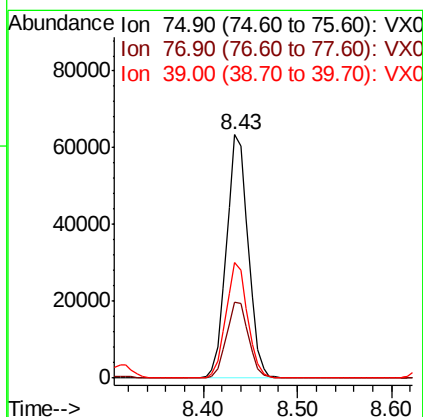
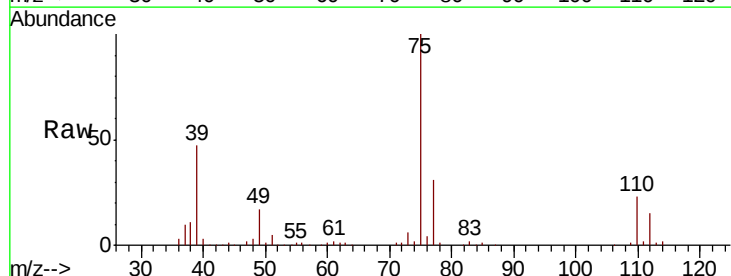
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

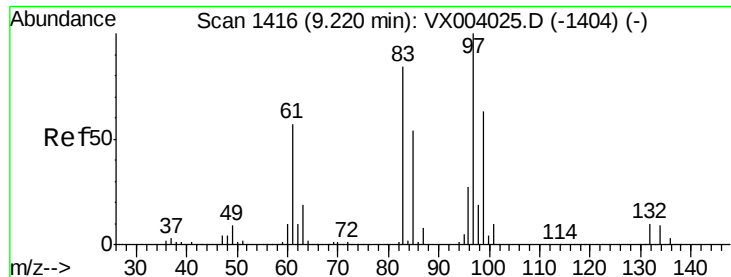
Tot Ion: 75 Resp: 90815
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 20.82 ug/l
 RT: 8.43 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 75 Resp: 101207
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.3 37.9
 39 47.2 36.2 54.2



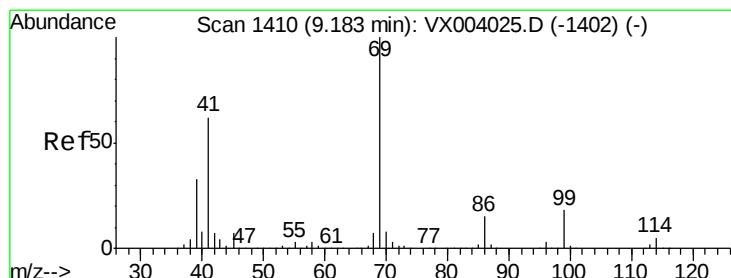
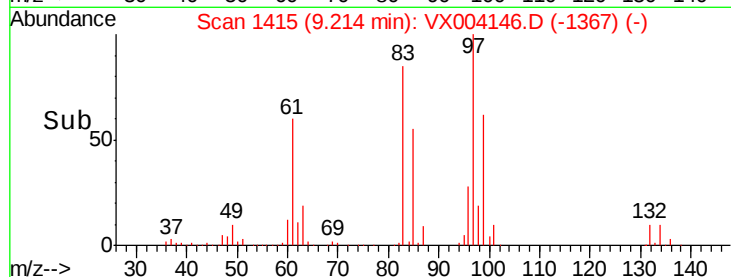
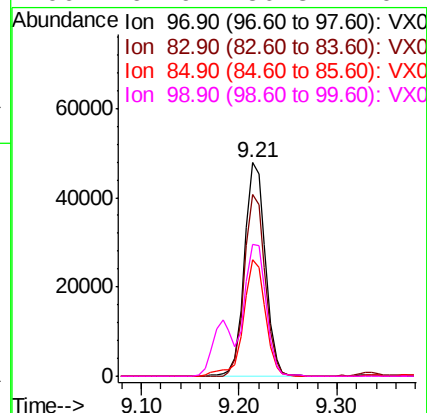
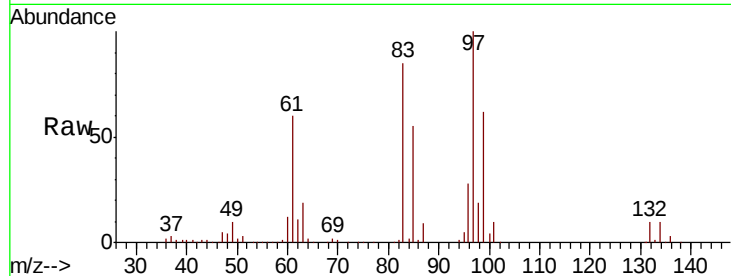


#55
 1,1,2-Trichloroethane
 Concen: 21.25 ug/l
 RT: 9.21 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

Tot Ion: 97 Resp: 71177

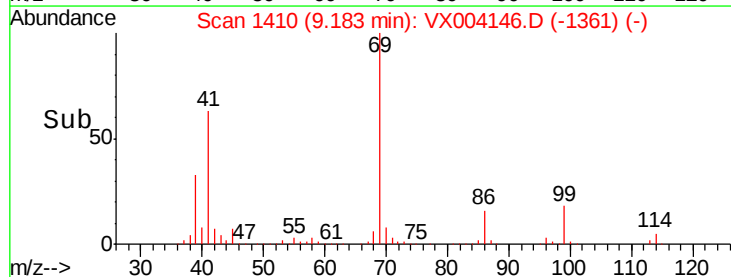
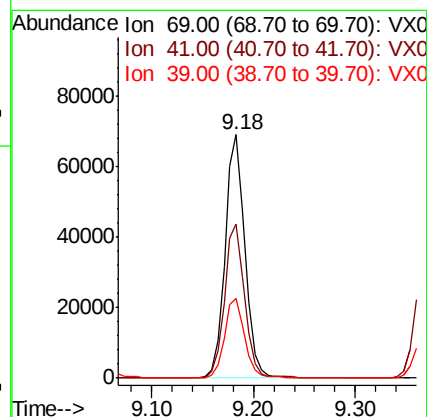
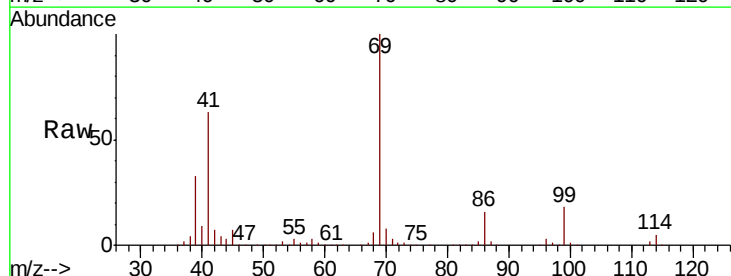
Ion	Ratio	Lower	Upper
97	100		
83	85.3	67.8	101.6
85	54.6	44.2	66.2
99	61.9	50.8	76.2

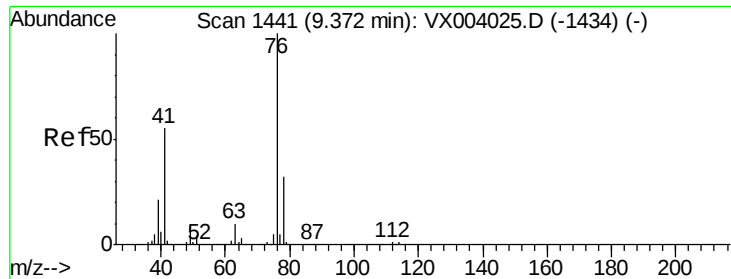


#56
 Ethyl methacrylate
 Concen: 20.60 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 69 Resp: 93849

Ion	Ratio	Lower	Upper
69	100		
41	64.1	50.6	76.0
39	33.3	25.8	38.6





#57

1,3-Dichloropropane

Concen: 21.77 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

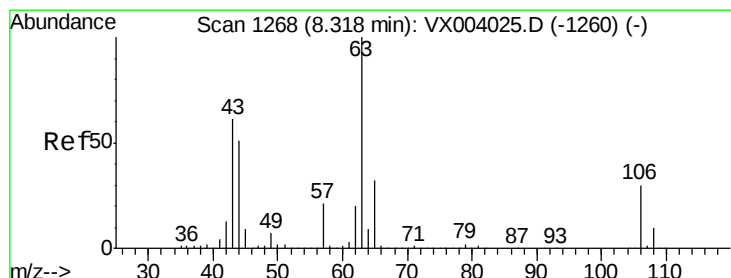
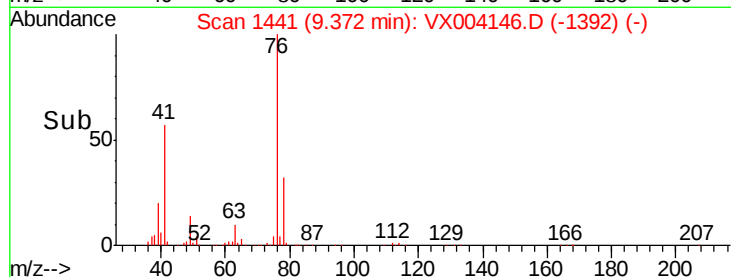
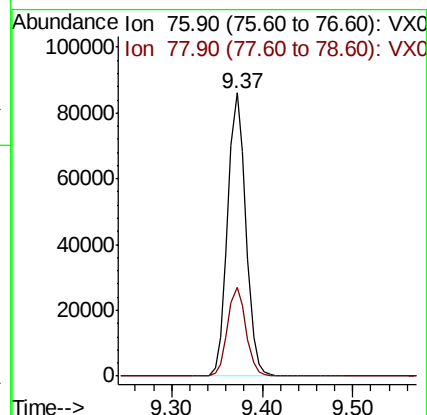
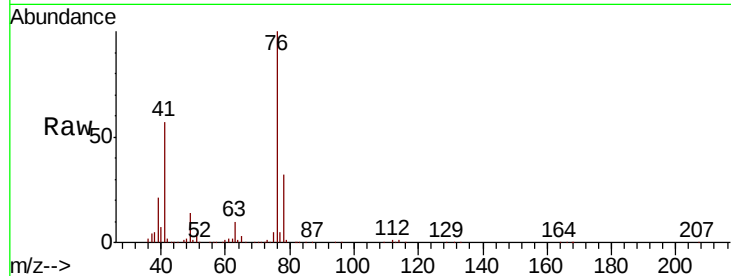
VX0820WBS01

Tot Ion: 76 Resp: 120983

Ion Ratio Lower Upper

76 100

78 31.7 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 112.34 ug/l

RT: 8.31 min Scan# 1267

Delta R.T. -0.01 min

Lab File: VX004146.D

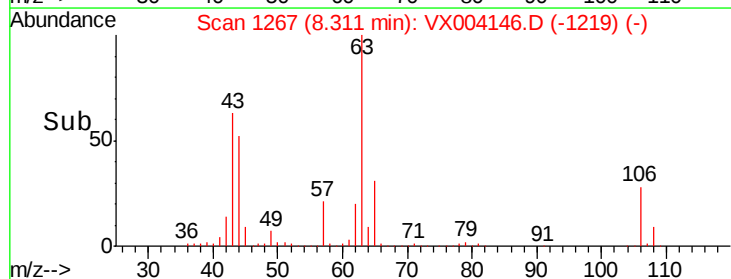
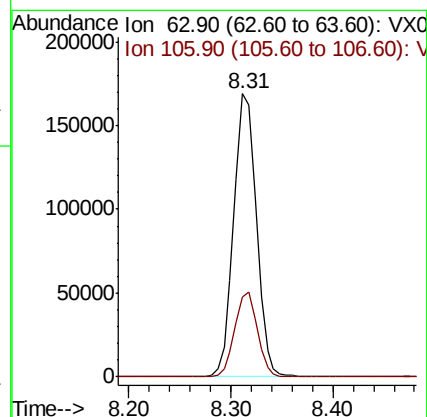
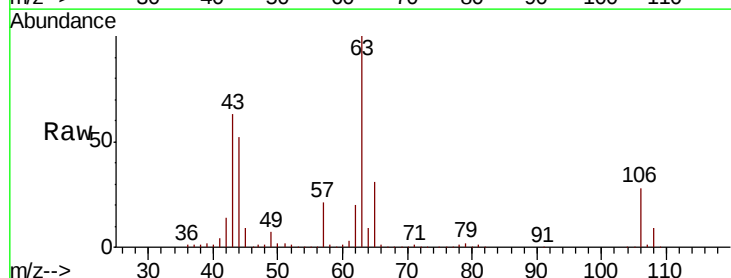
Acq: 20 Aug 2018 12:16

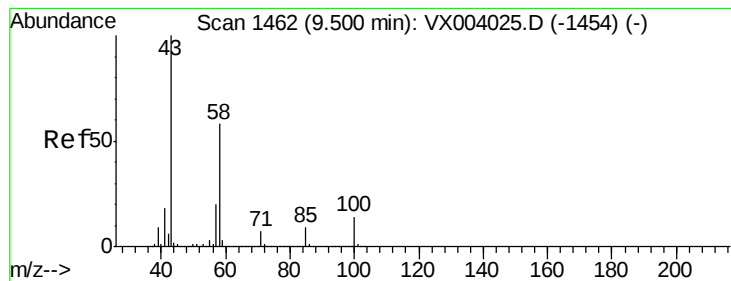
Tgt Ion: 63 Resp: 260562

Ion Ratio Lower Upper

63 100

106 29.7 23.8 35.8





#59

2-Hexanone

Concen: 110.51 ug/l

RT: 9.49 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

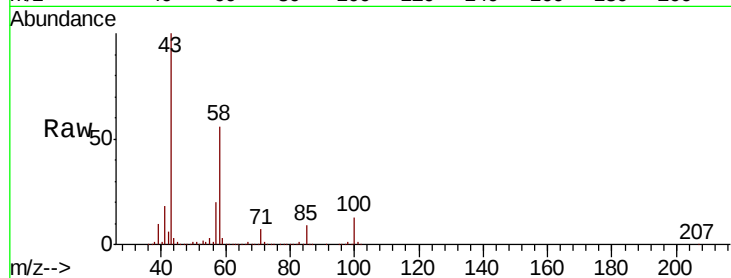
VX0820WBS01

Tot Ion: 43 Resp: 467567

Ion Ratio Lower Upper

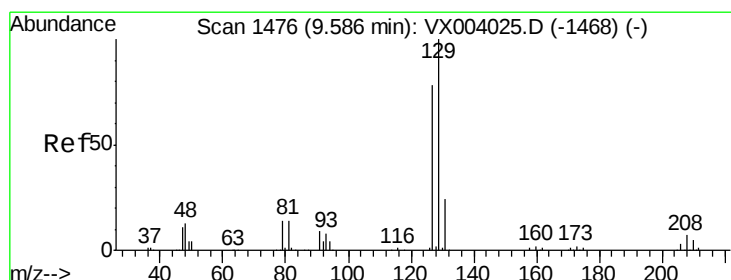
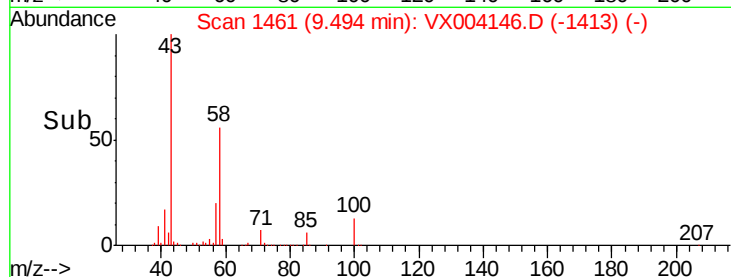
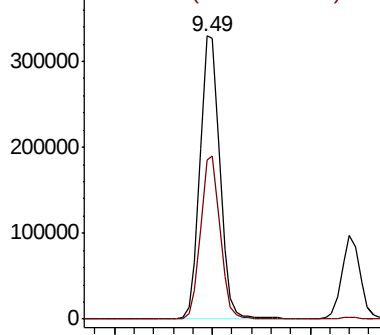
43 100

58 56.3 29.0 87.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 20.76 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. -0.00 min

Lab File: VX004146.D

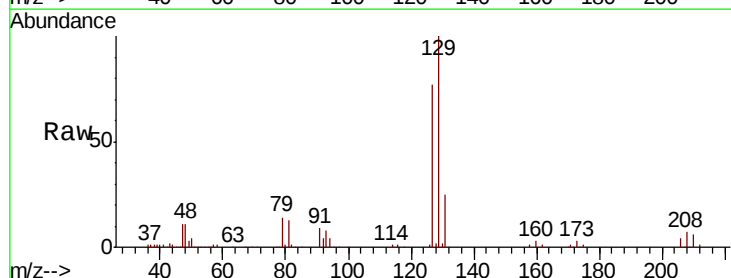
Acq: 20 Aug 2018 12:16

Tgt Ion:129 Resp: 66912

Ion Ratio Lower Upper

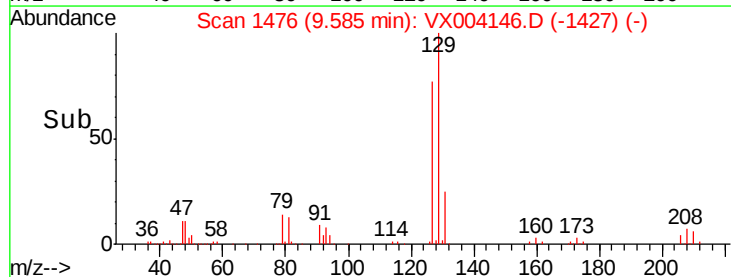
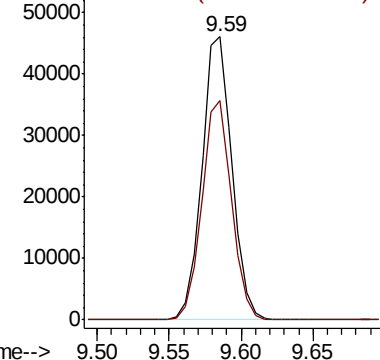
129 100

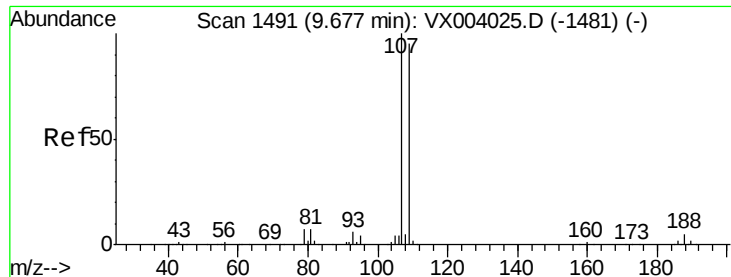
127 76.7 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 21.46 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

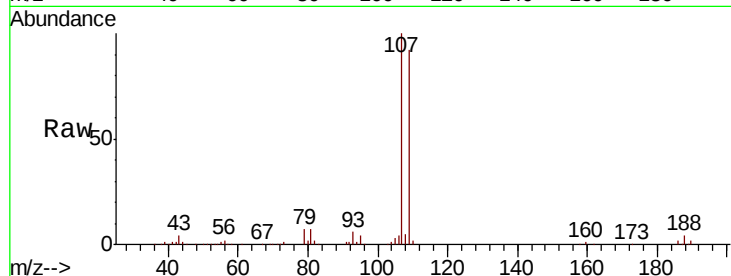
VX0820WBS01

Tot Ion:107 Resp: 73288

Ion Ratio Lower Upper

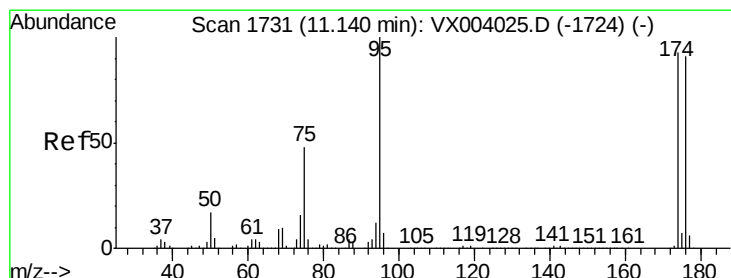
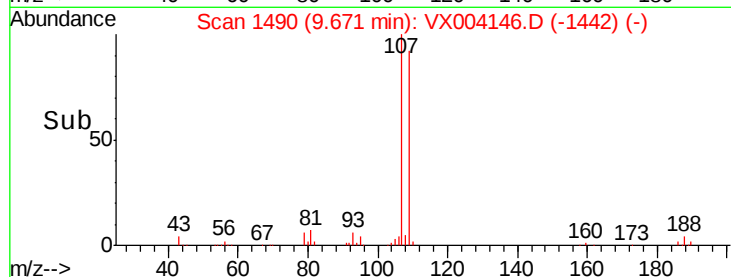
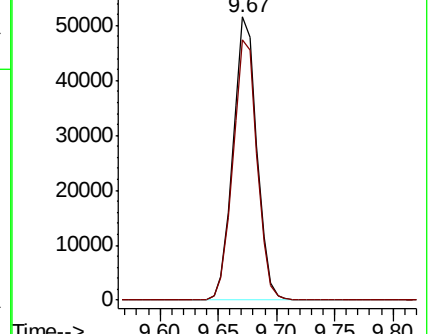
107 100

109 93.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.60 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

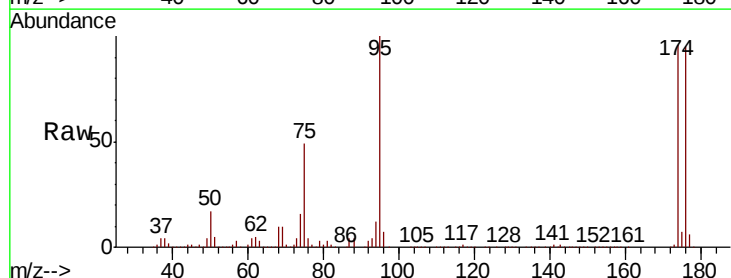
Tgt Ion: 95 Resp: 225554

Ion Ratio Lower Upper

95 100

174 90.3 0.0 182.8

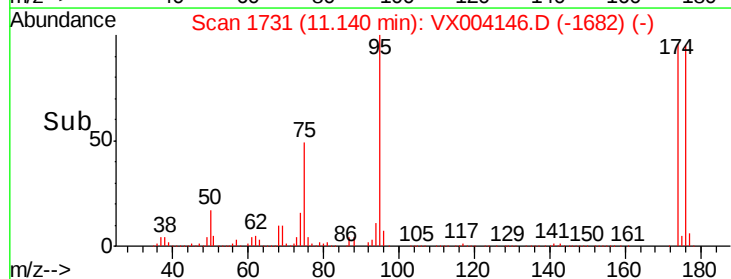
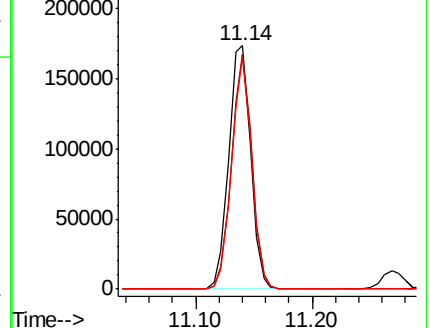
176 87.6 0.0 179.0

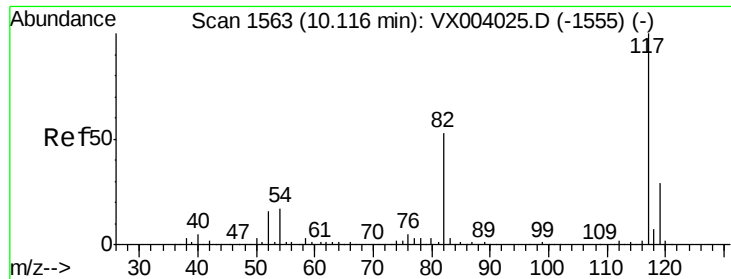


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

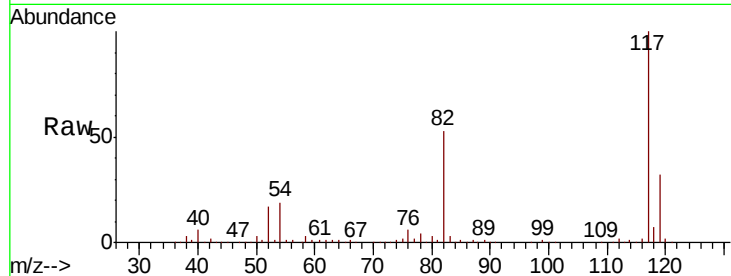




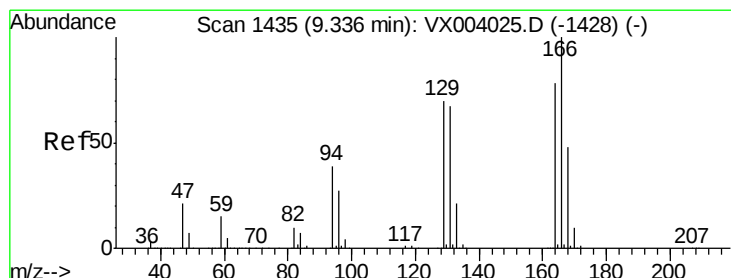
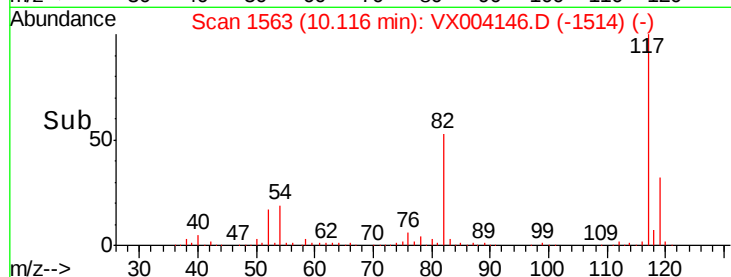
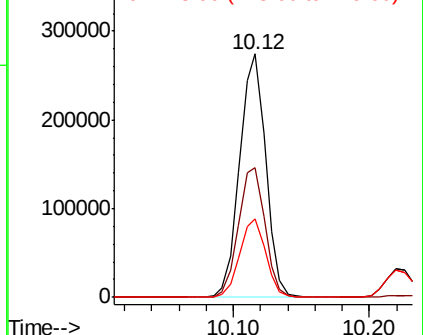
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion:117 Resp: 368314
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 32.0 26.6 40.0

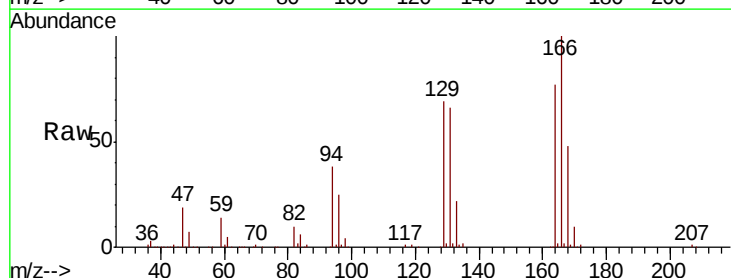


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

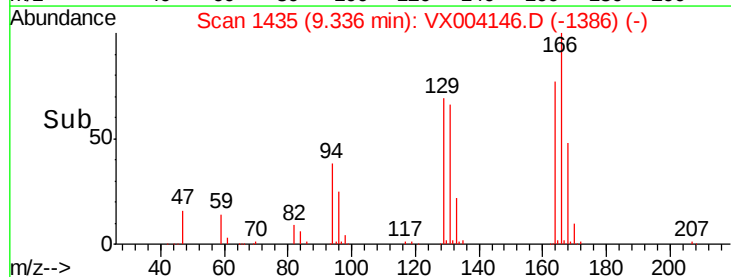
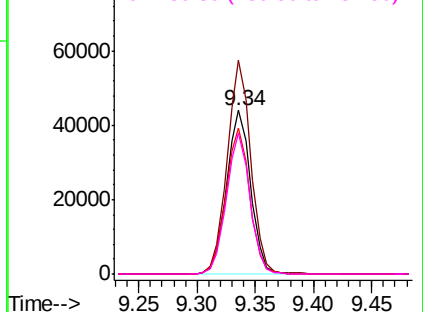


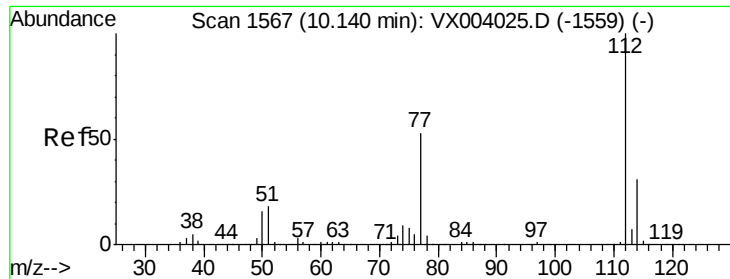
#64
Tetrachloroethene
Concen: 18.04 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion:164 Resp: 62970
Ion Ratio Lower Upper
164 100
166 130.5 98.0 147.0
129 89.5 64.3 96.5
131 86.2 66.8 100.2



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

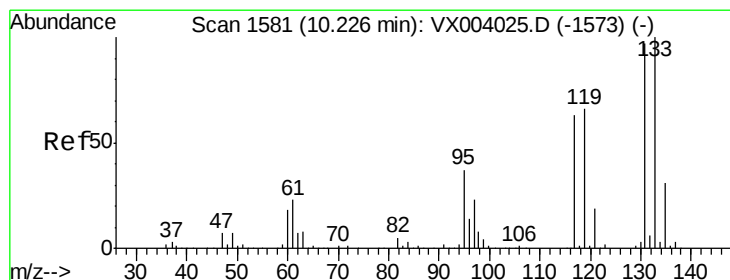
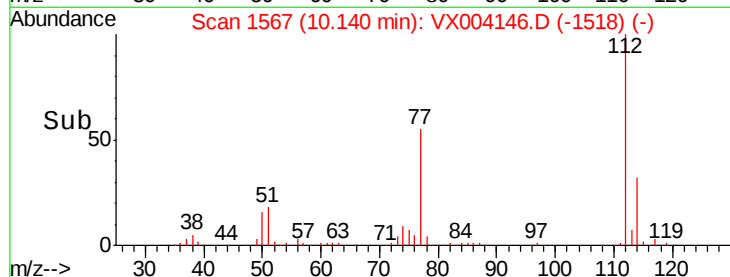
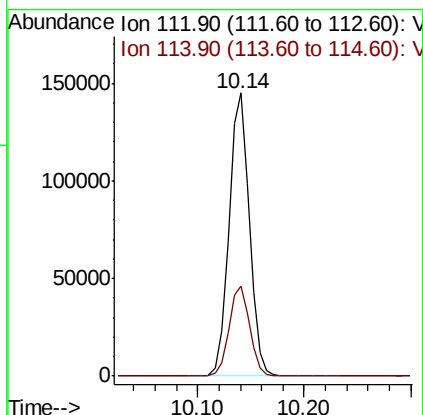
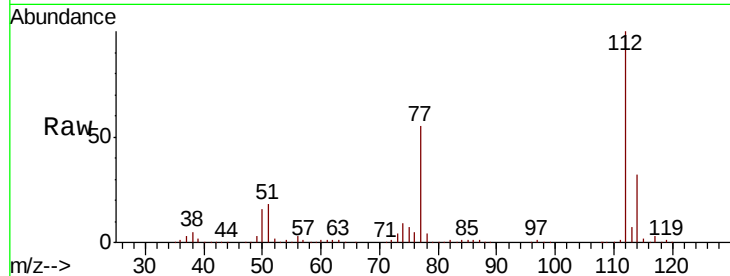




#65
Chlorobenzene
Concen: 20.36 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

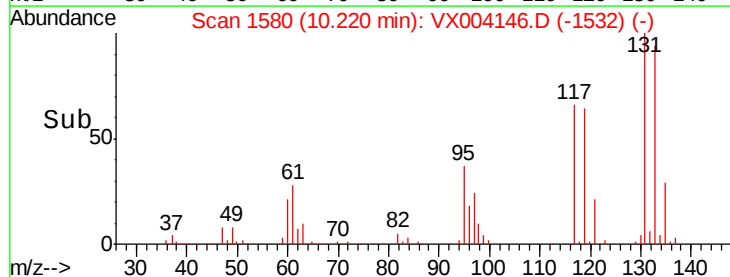
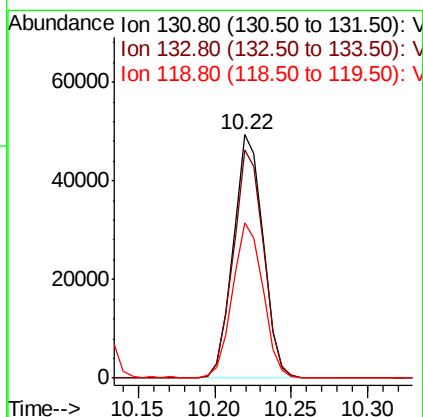
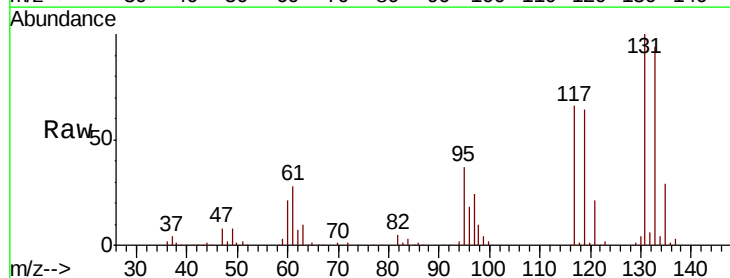
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

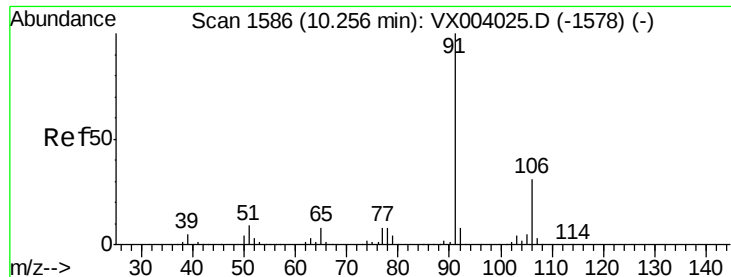
Tot Ion:112 Resp: 193740
Ion Ratio Lower Upper
112 100
114 32.0 23.6 35.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.56 ug/l
RT: 10.22 min Scan# 1580
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion:131 Resp: 66720
Ion Ratio Lower Upper
131 100
133 95.2 47.3 141.8
119 64.9 31.6 94.8

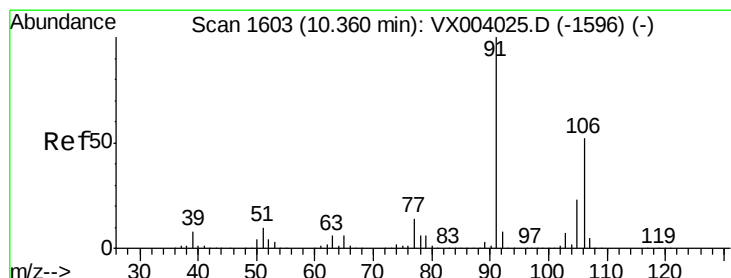
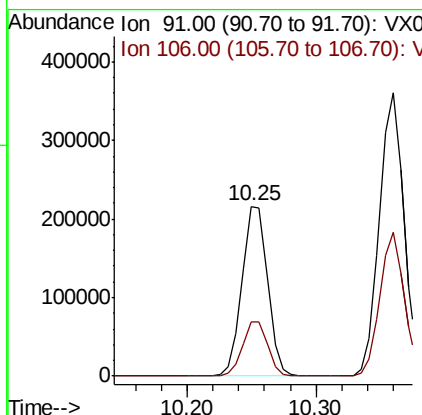
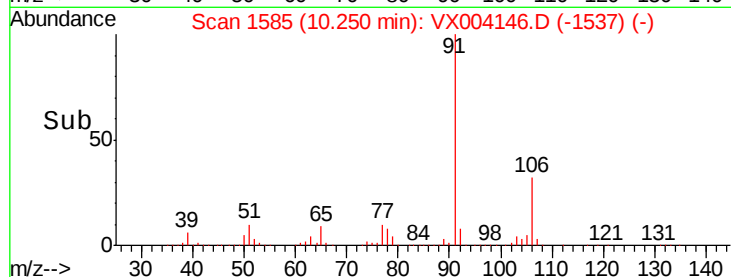
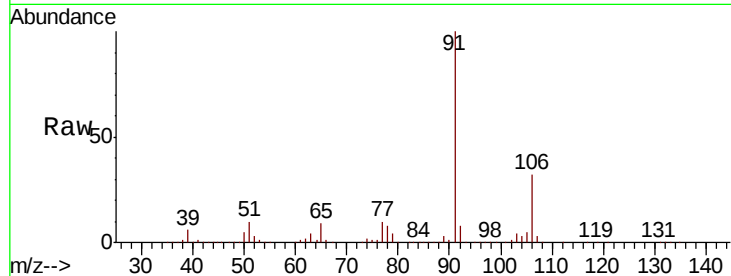




#67
Ethyl Benzene
Concen: 19.66 ug/l
RT: 10.25 min Scan# 1585
Delta R.T. -0.01 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

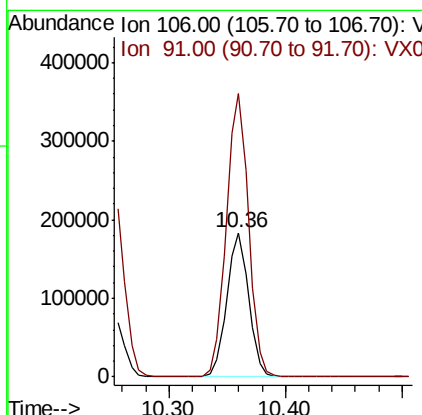
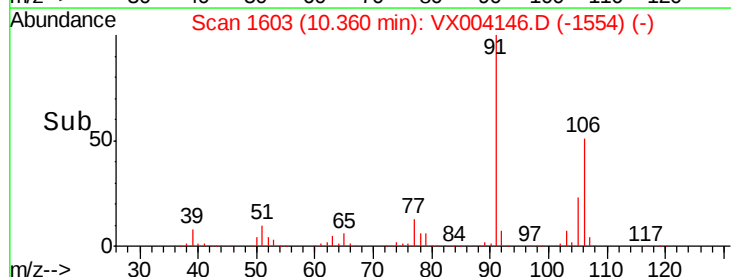
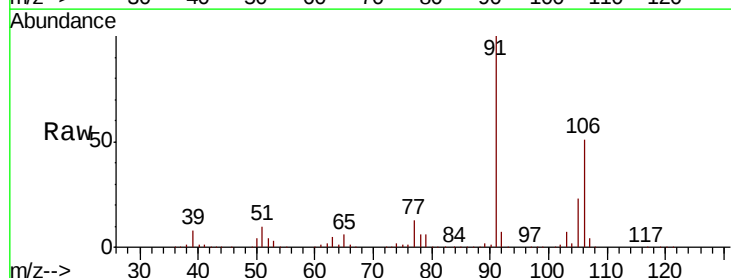
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

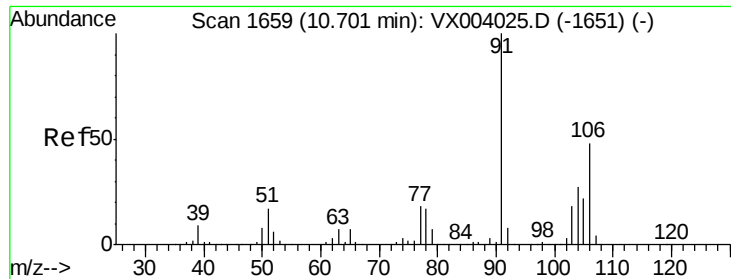
Tot Ion: 91 Resp: 296199
Ion Ratio Lower Upper
91 100
106 32.1 25.9 38.9



#68
m/p-Xylenes
Concen: 40.47 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 106 Resp: 238747
Ion Ratio Lower Upper
106 100
91 199.7 162.3 243.5

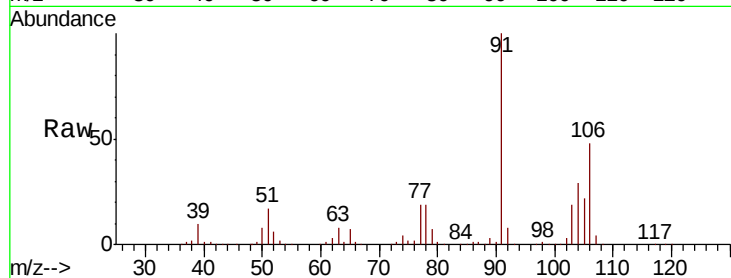




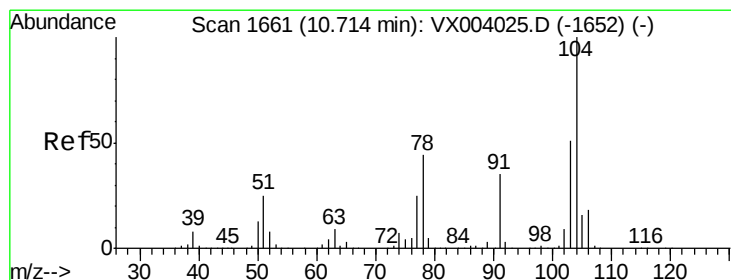
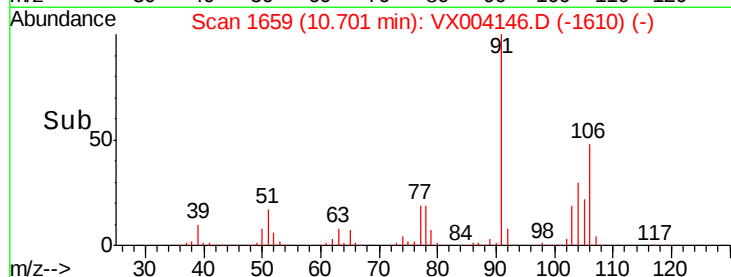
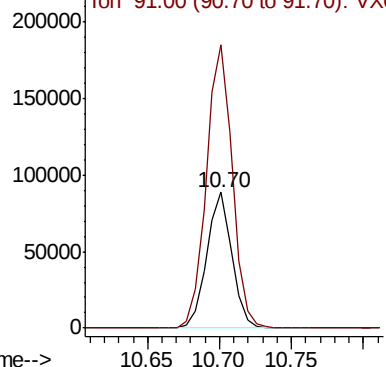
#69
o-Xylene
Concen: 19.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Instrument :
MSVOA_X
ClientSampled :
VX0820WBS01

Tot Ion:106 Resp: 108014
Ion Ratio Lower Upper
106 100
91 215.1 101.9 305.7

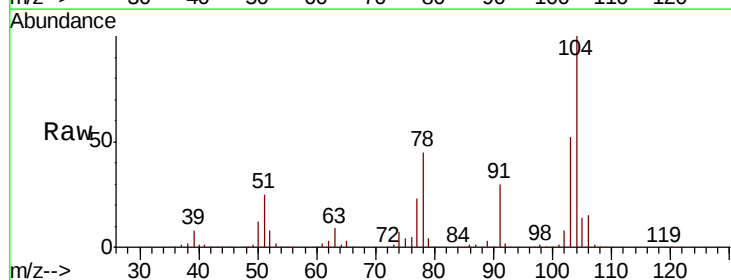


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

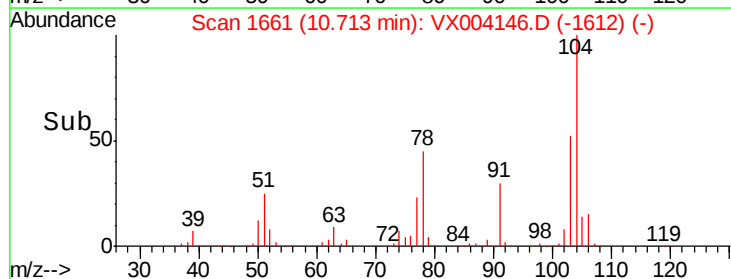
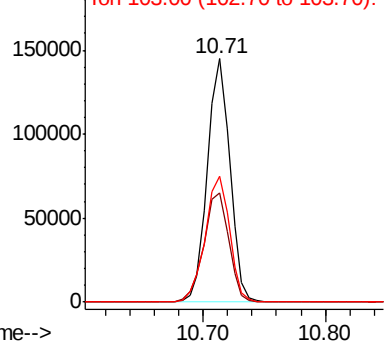


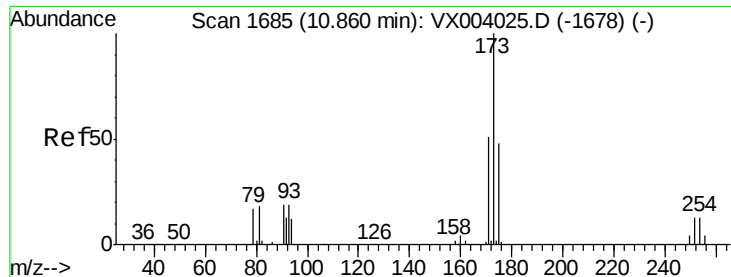
#70
Styrene
Concen: 19.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion:104 Resp: 184293
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.6
103 56.1 44.3 66.5



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





#71

Bromoform

Concen: 19.42 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

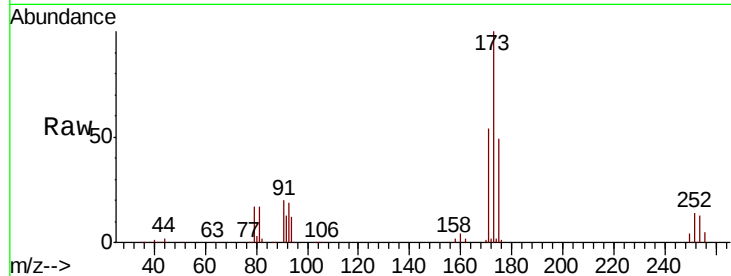
Tot Ion:173 Resp: 49964

Ion Ratio Lower Upper

173 100

175 48.8 24.9 74.7

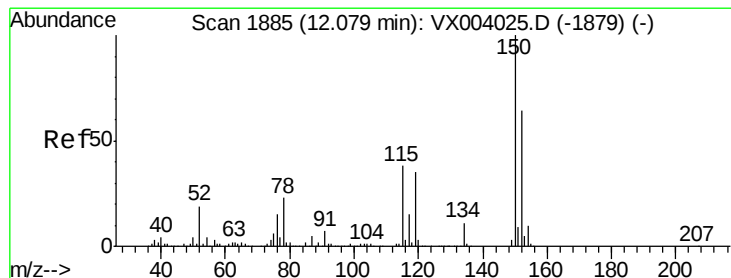
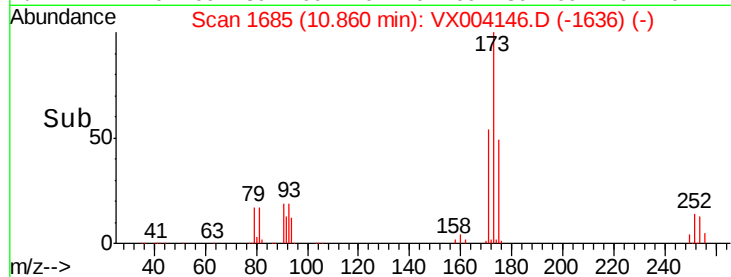
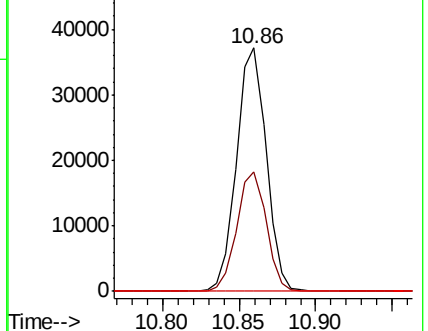
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

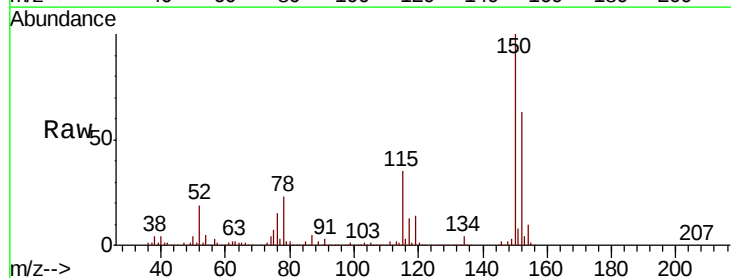
Tgt Ion:152 Resp: 226363

Ion Ratio Lower Upper

152 100

115 63.3 39.1 117.3

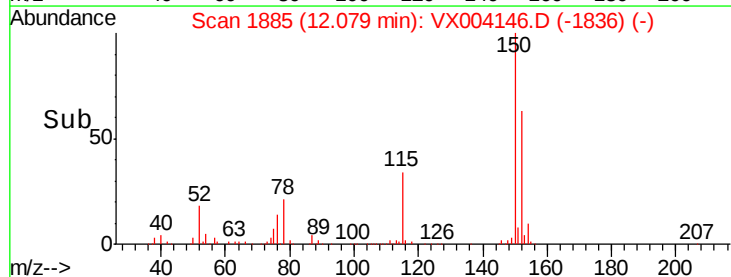
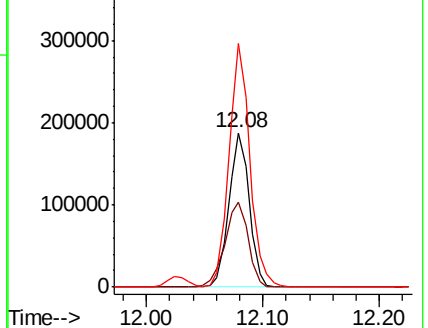
150 163.2 0.0 349.2

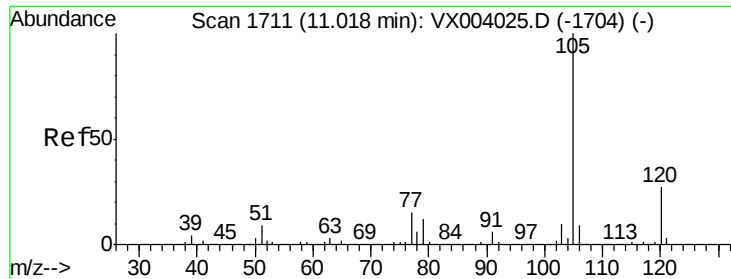


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.50 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

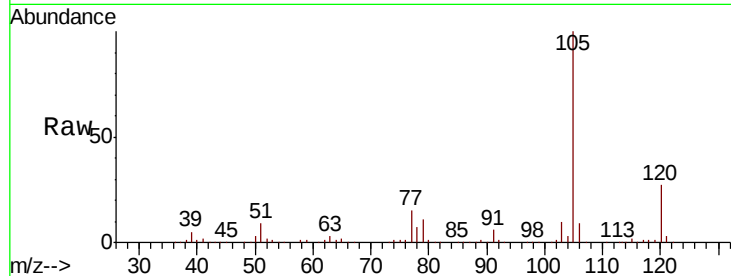
VX0820WBS01

Tot Ion:105 Resp: 298707

Ion Ratio Lower Upper

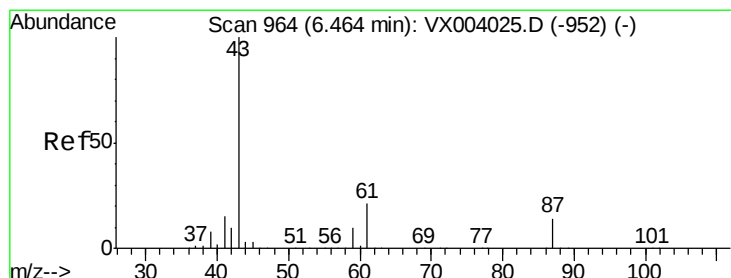
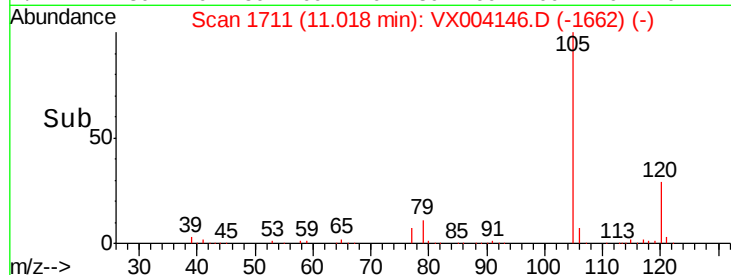
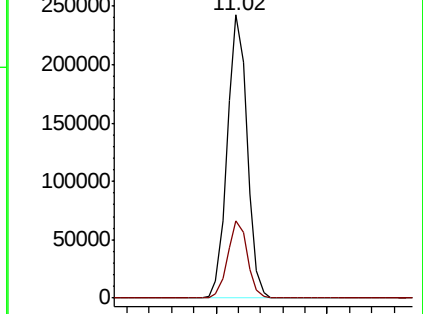
105 100

120 27.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.49 ug/l

RT: 6.46 min Scan# 963

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Tgt Ion: 43 Resp: 140405

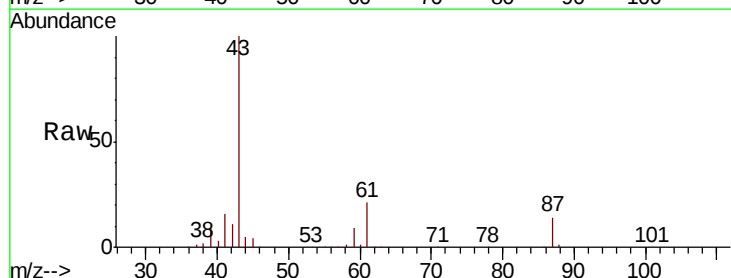
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.8 16.9 25.3

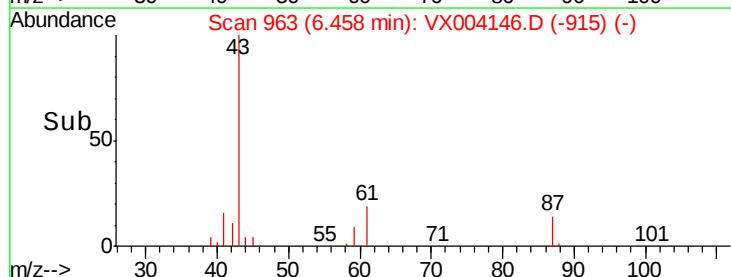
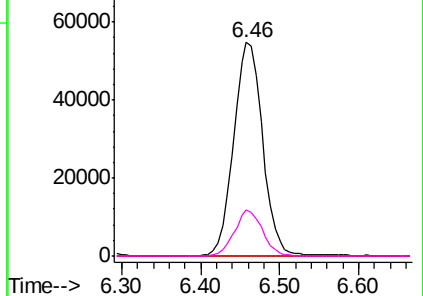


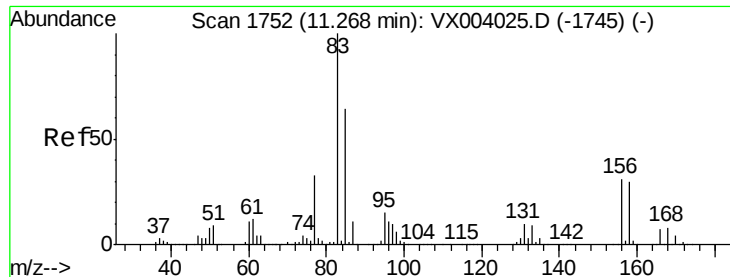
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.68 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

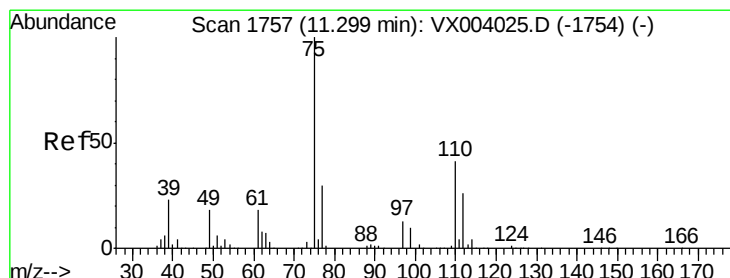
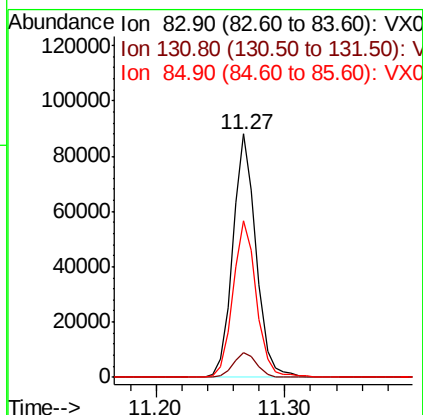
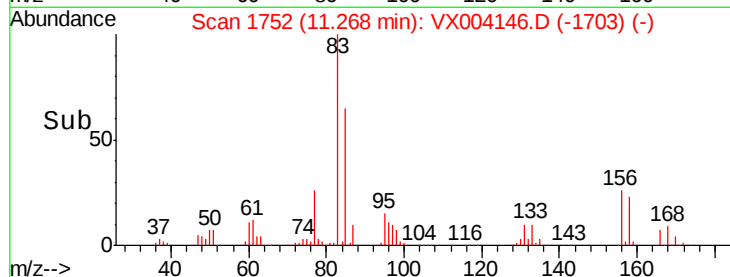
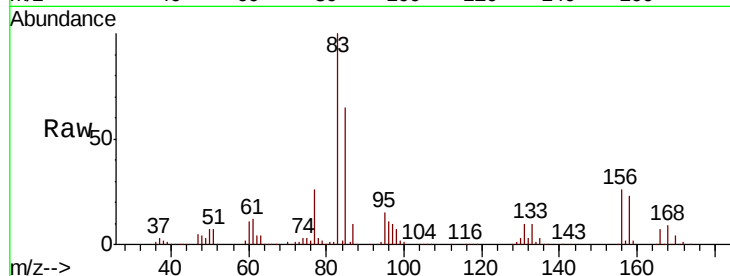
Tot Ion: 83 Resp: 110614

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

85 65.0 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 26.09 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX004146.D

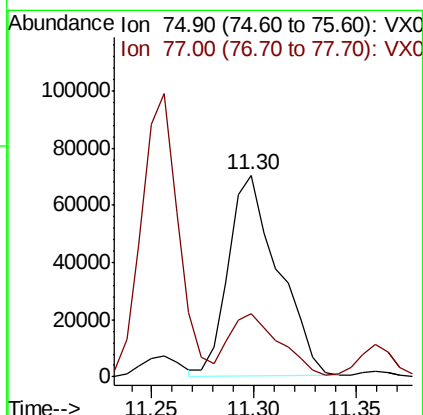
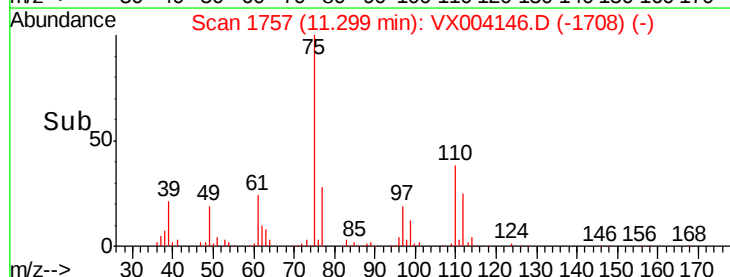
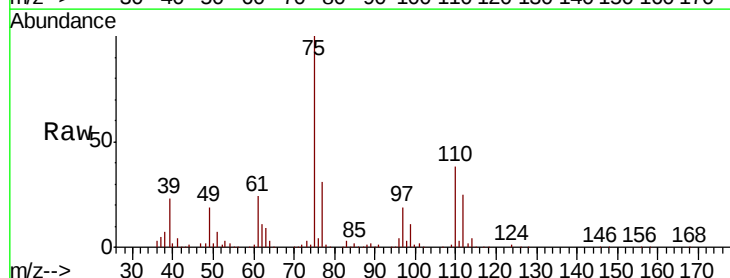
Acq: 20 Aug 2018 12:16

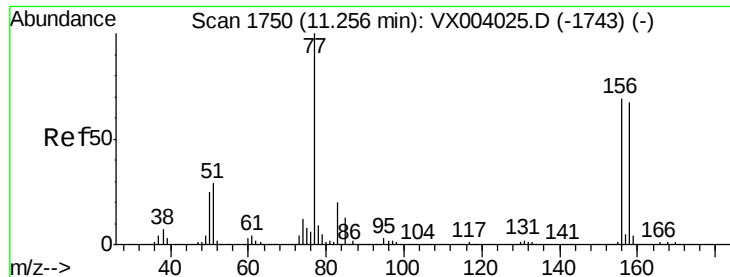
Tgt Ion: 75 Resp: 118435

Ion Ratio Lower Upper

75 100

77 32.1 20.8 62.5





#77

Bromobenzene

Concen: 20.19 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampleId :

VX0820WBS01

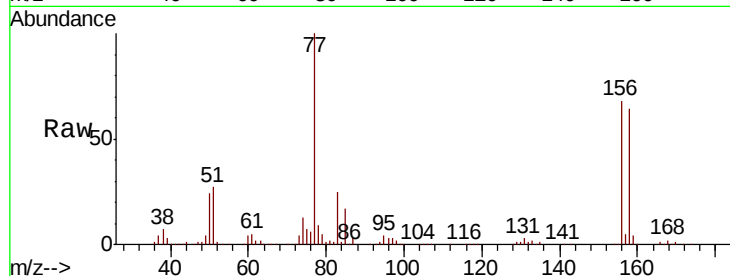
Tot Ion:156 Resp: 85238

Ion Ratio Lower Upper

156 100

77 146.0 74.1 222.2

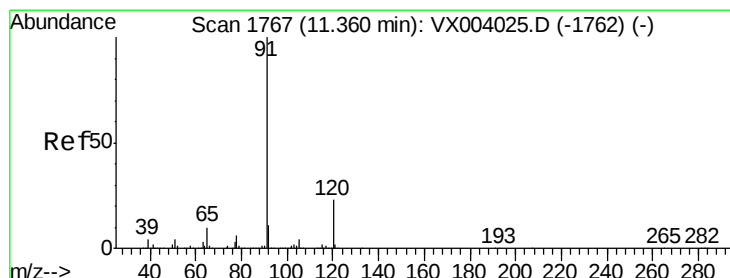
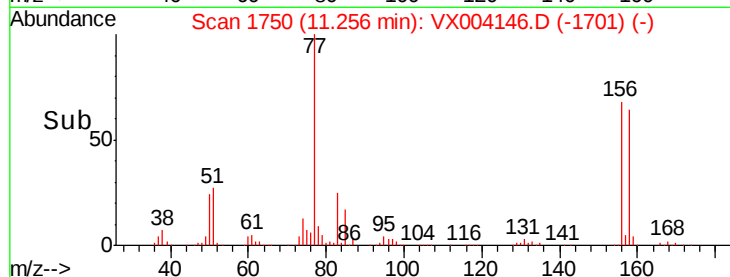
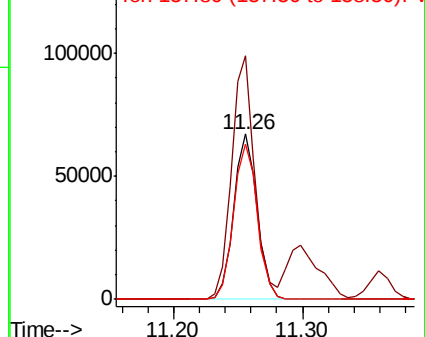
158 96.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.63 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004146.D

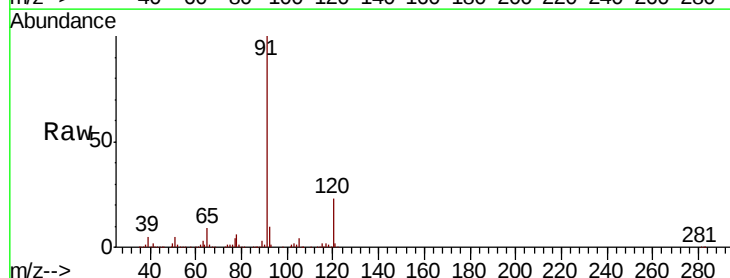
Acq: 20 Aug 2018 12:16

Tgt Ion: 91 Resp: 336504

Ion Ratio Lower Upper

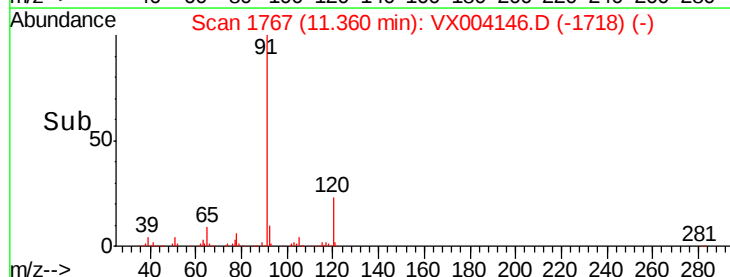
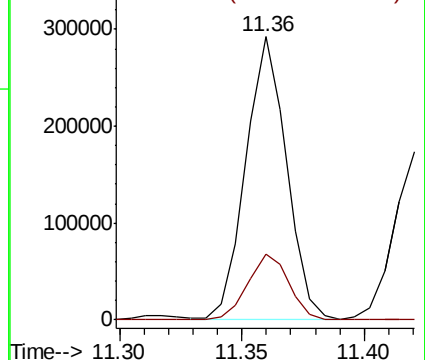
91 100

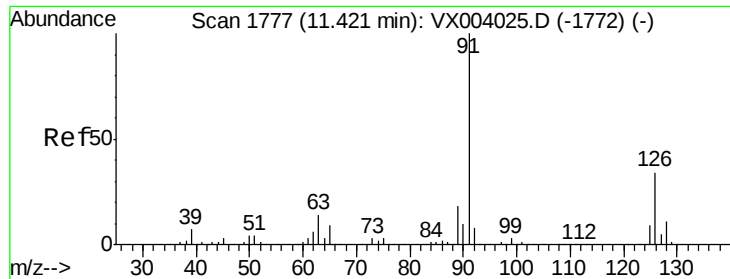
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

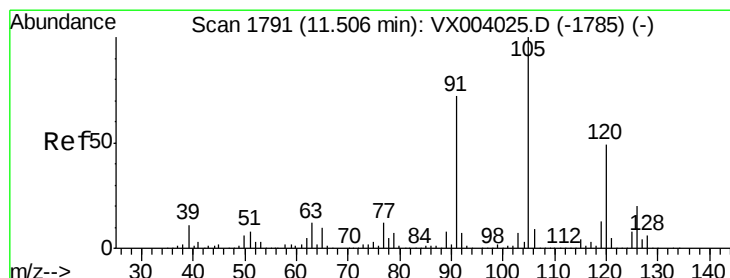
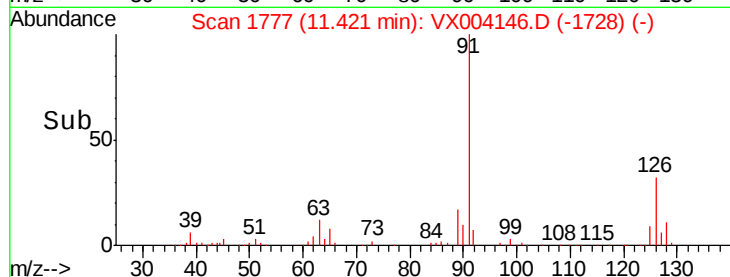
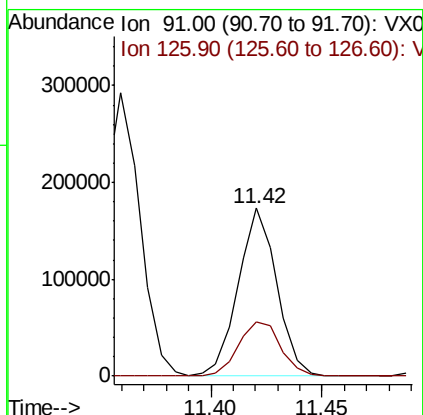
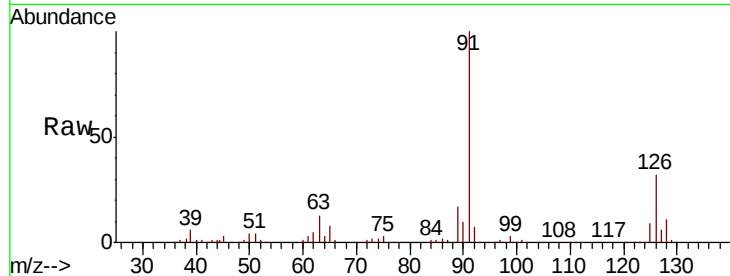




#79
 2-Chlorotoluene
 Concen: 19.98 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

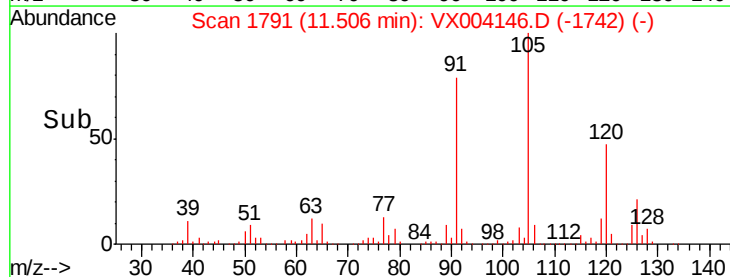
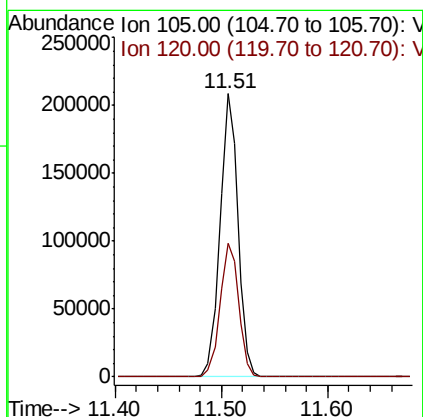
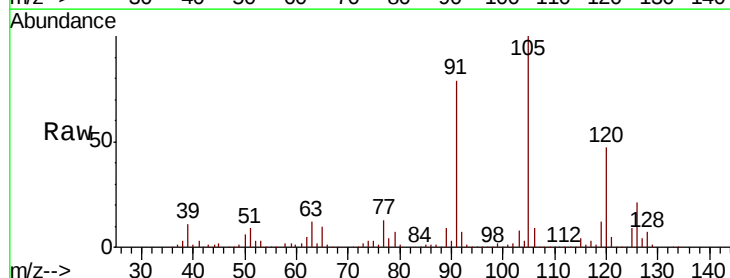
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

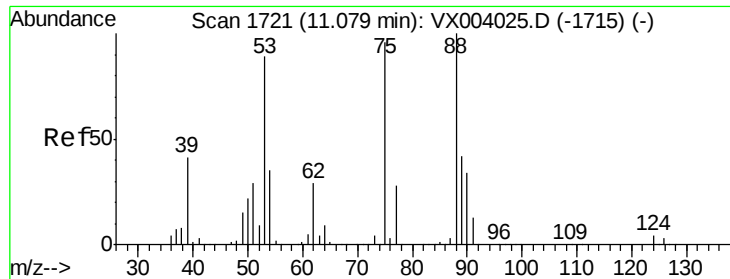
Tot Ion: 91 Resp: 208784
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 19.58 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 105 Resp: 245616
 Ion Ratio Lower Upper
 105 100
 120 48.9 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.64 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. -0.01 min

Lab File: VX004146.D

Acq: 20 Aug 2018 12:16

Instrument :

MSVOA_X

ClientSampled :

VX0820WBS01

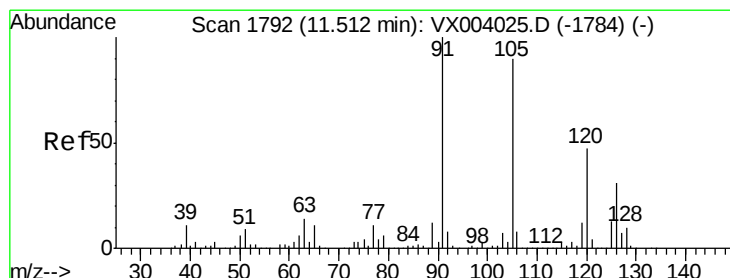
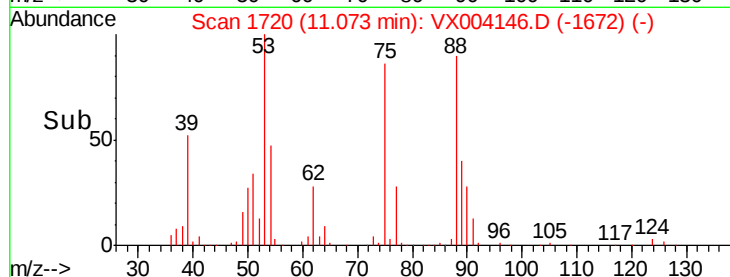
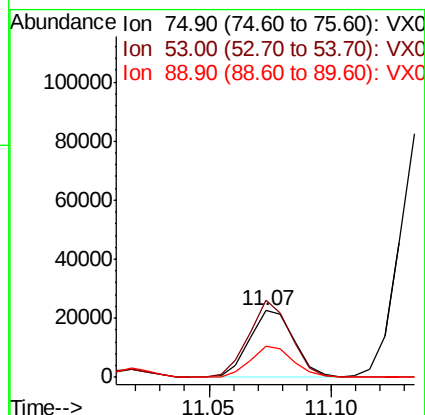
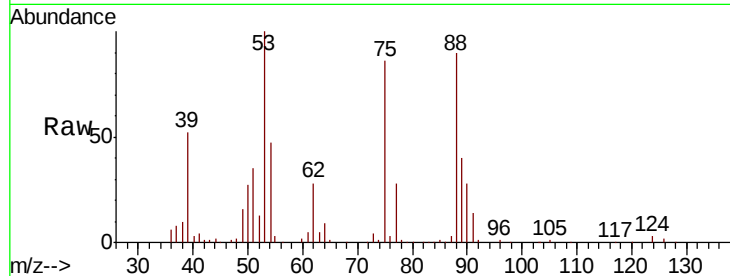
Tot Ion: 75 Resp: 28795

Ion Ratio Lower Upper

75 100

53 108.5 80.3 120.5

89 45.6 37.8 56.8



#82

4-Chlorotoluene

Concen: 19.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004146.D

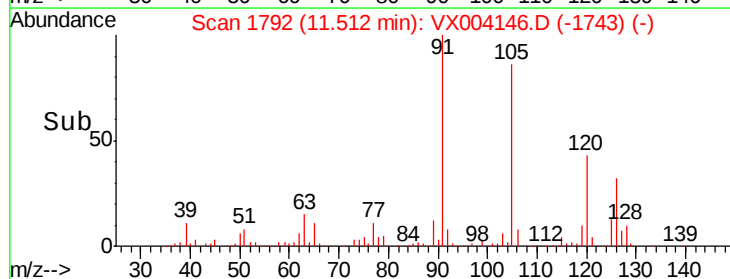
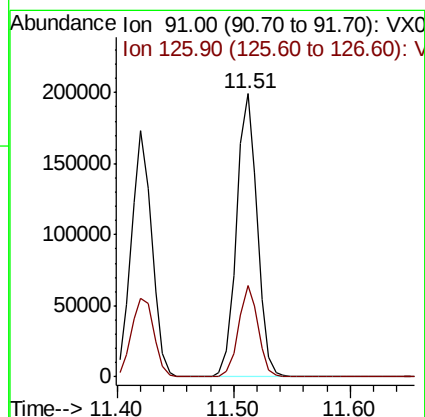
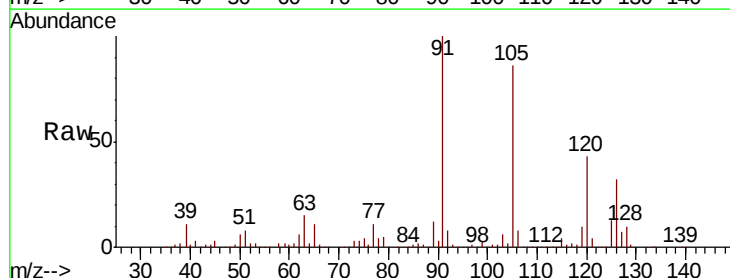
Acq: 20 Aug 2018 12:16

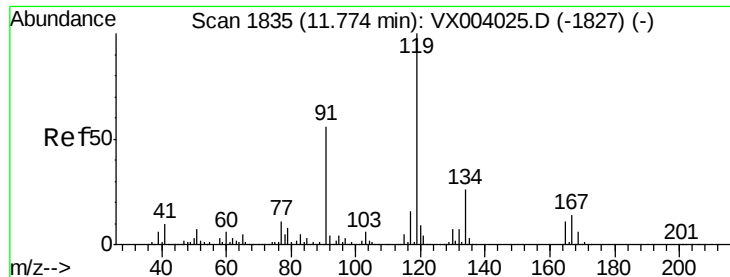
Tgt Ion: 91 Resp: 246155

Ion Ratio Lower Upper

91 100

126 30.7 15.6 46.7

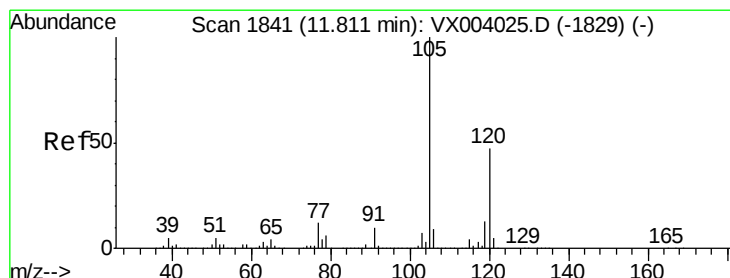
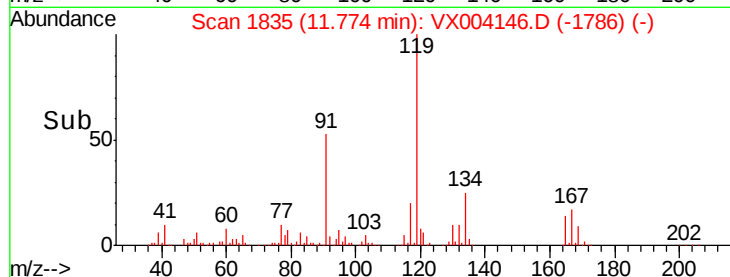
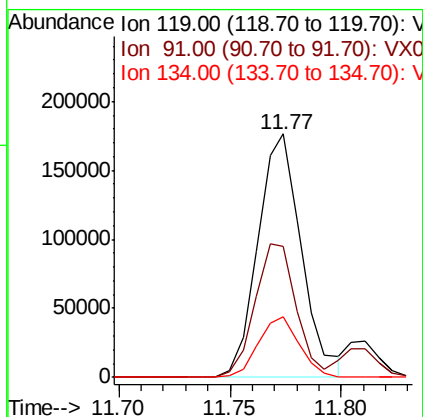
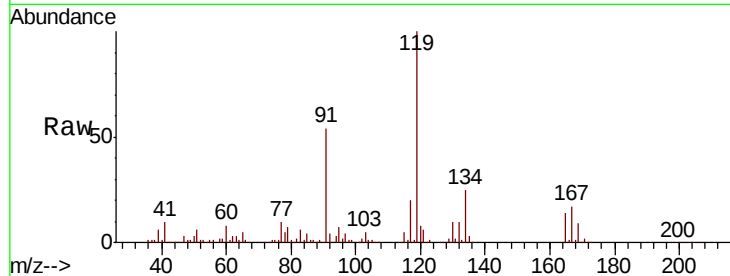




#83
 tert-Butylbenzene
 Concen: 18.94 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

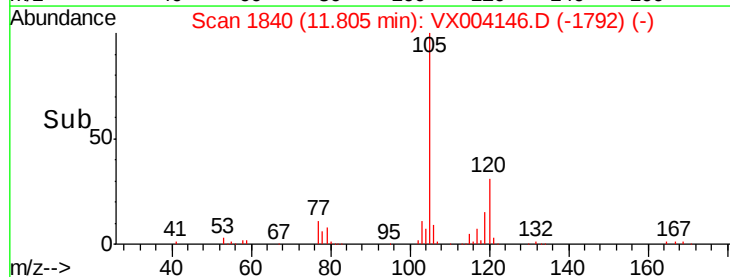
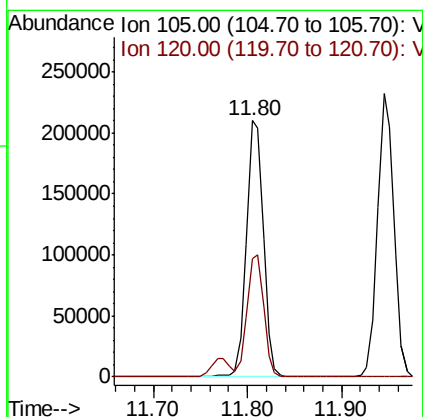
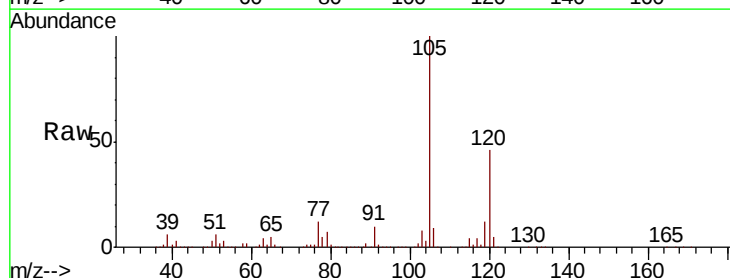
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

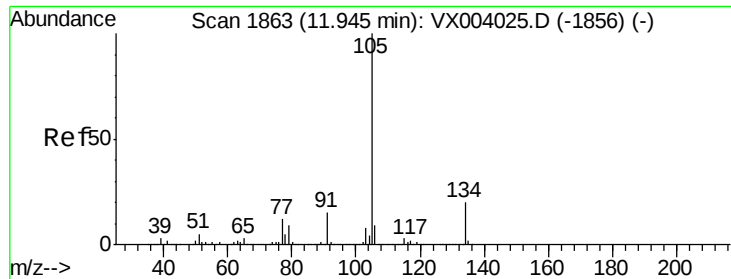
Tot Ion:119 Resp: 239524
 Ion Ratio Lower Upper
 119 100
 91 52.3 26.9 80.7
 134 23.6 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.38 ug/l
 RT: 11.80 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion:105 Resp: 264750
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.1 69.2

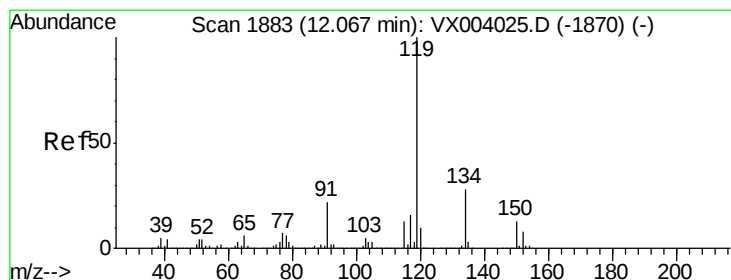
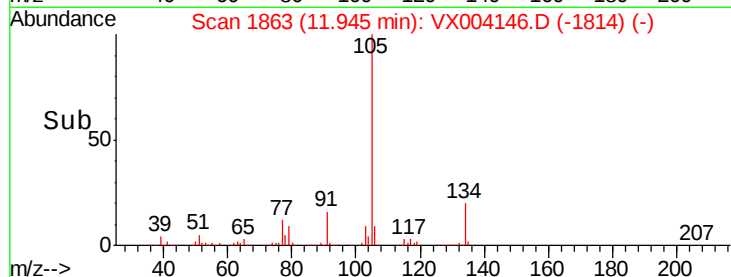
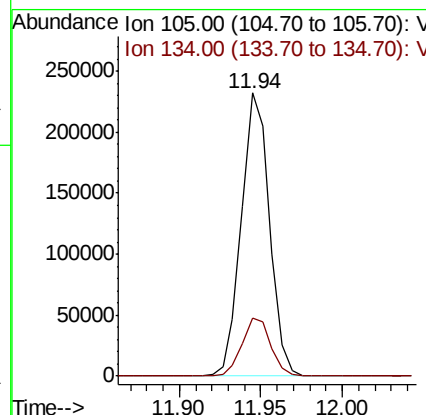
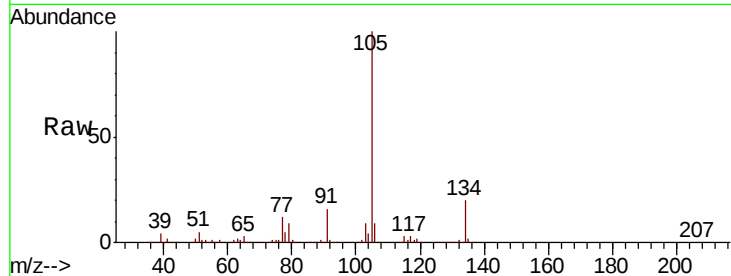




#85
 sec-Butylbenzene
 Concen: 18.83 ug/l
 RT: 11.94 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

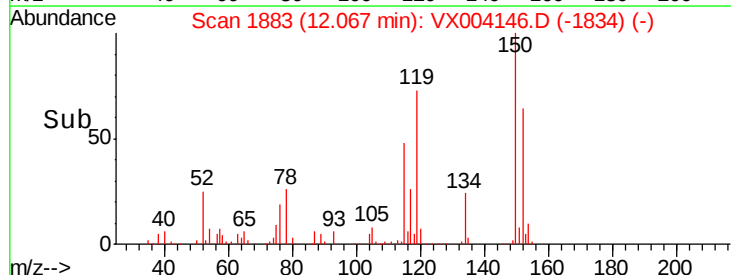
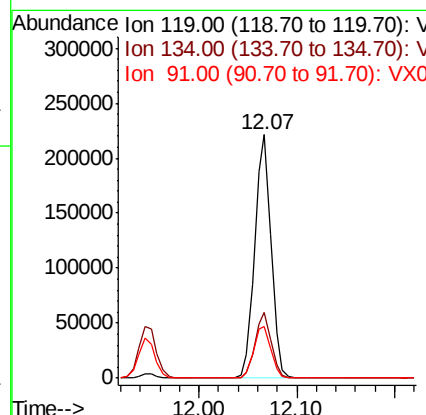
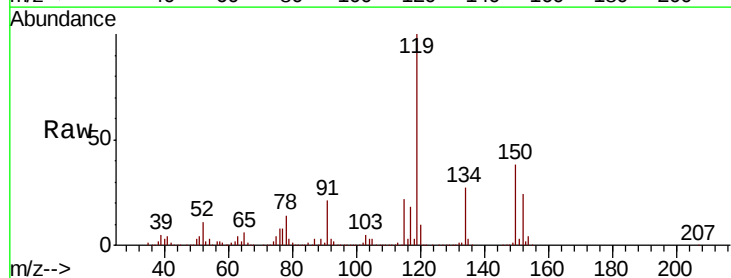
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0820WBS01

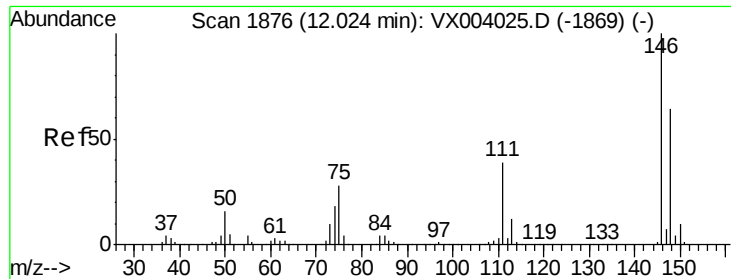
Tot Ion:105 Resp: 278774
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 19.24 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion:119 Resp: 257833
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.8
 91 22.3 10.9 32.7

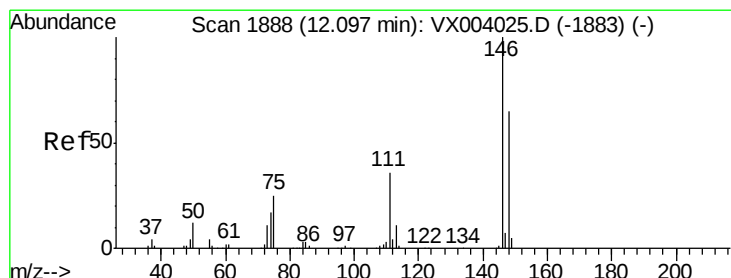
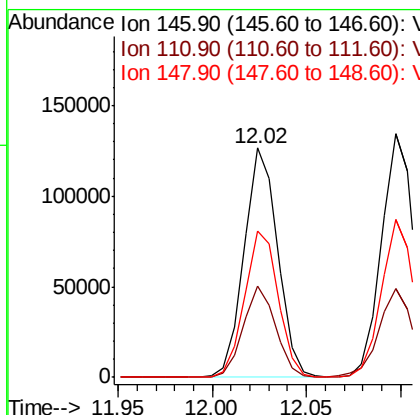
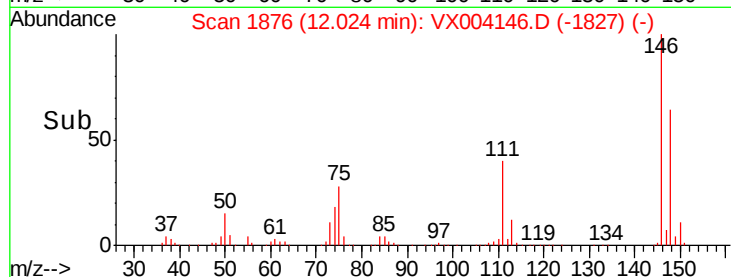
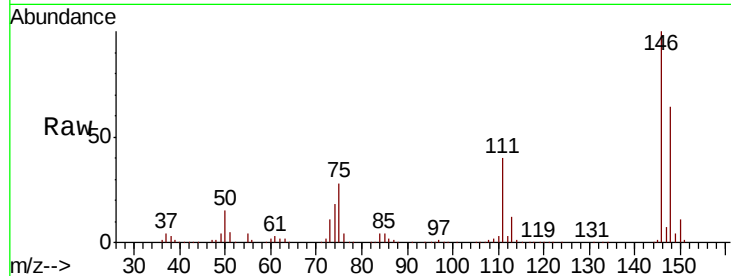




#87
 1,3-Dichlorobenzene
 Concen: 19.40 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

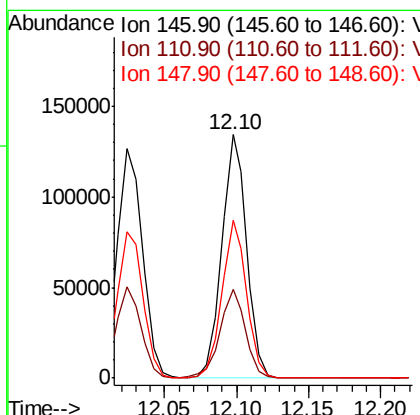
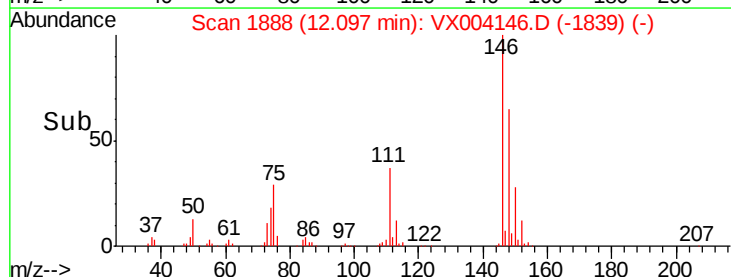
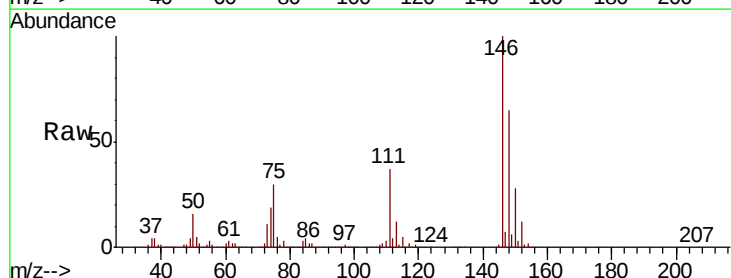
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

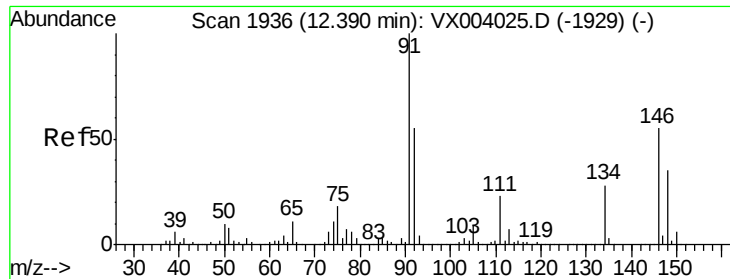
Tot Ion:146 Resp: 156266
 Ion Ratio Lower Upper
 146 100
 111 38.4 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.60 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion:146 Resp: 162498
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.4 55.0
 148 64.6 32.3 96.8

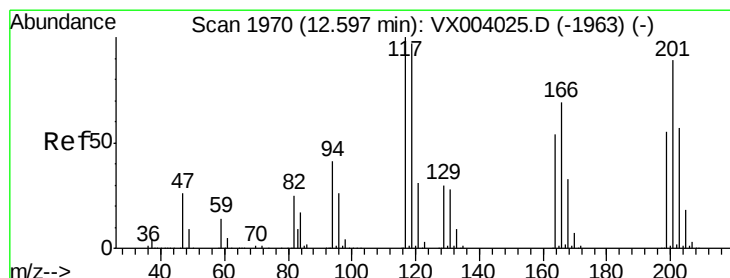
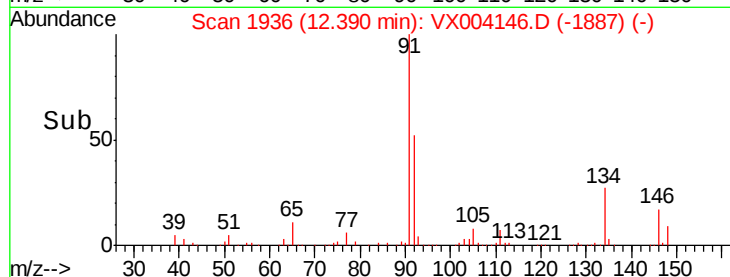
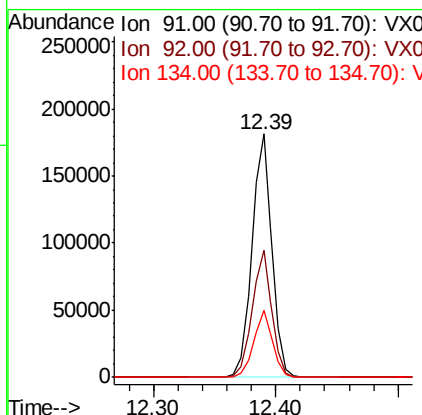
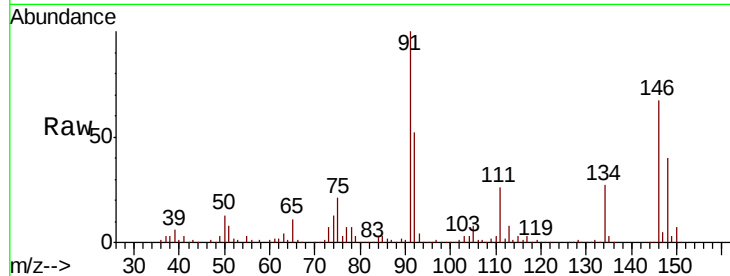




#89
n-Butylbenzene
Concen: 19.45 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

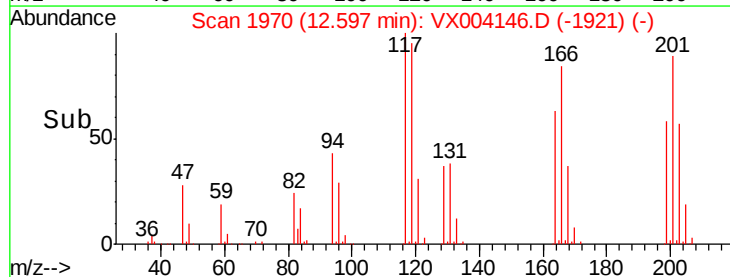
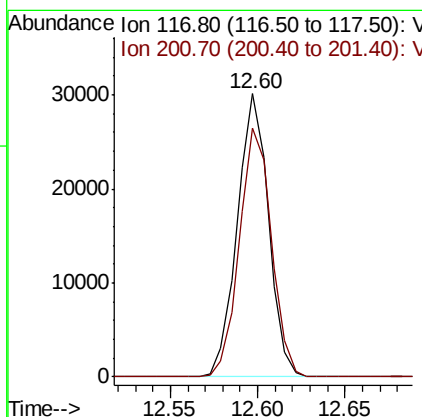
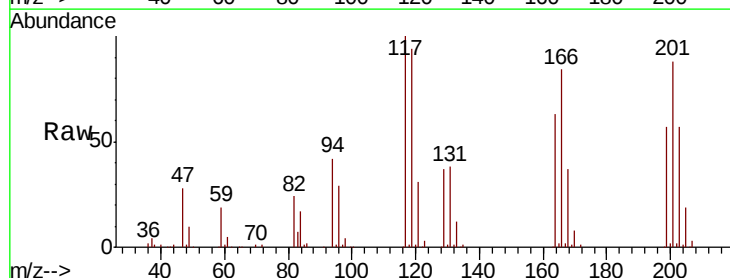
Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

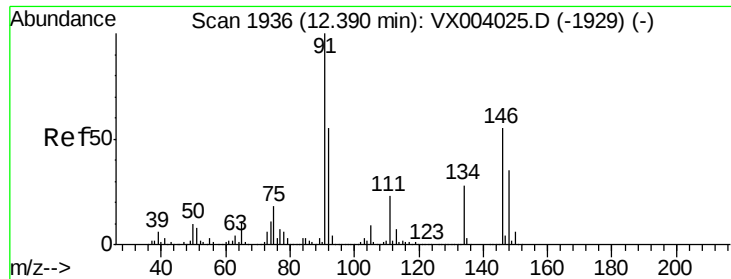
Tot Ion: 91 Resp: 205393
Ion Ratio Lower Upper
91 100
92 51.6 27.1 81.3
134 26.2 13.6 40.7



#90
Hexachloroethane
Concen: 18.66 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion: 117 Resp: 37403
Ion Ratio Lower Upper
117 100
201 89.9 46.1 138.2

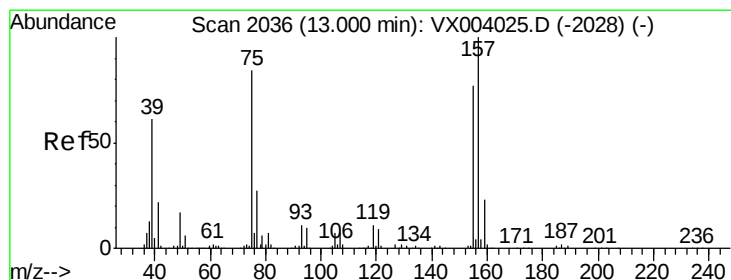
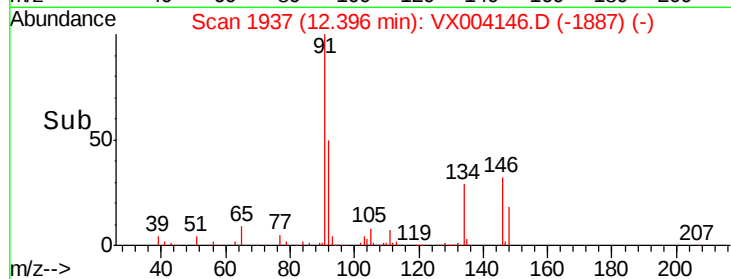
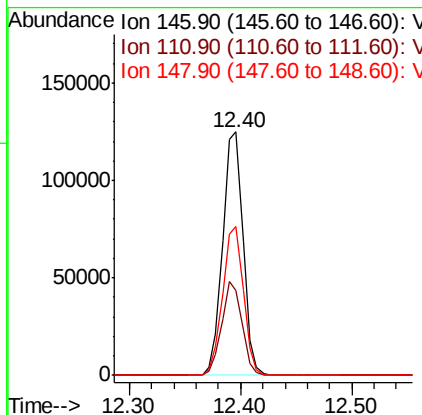
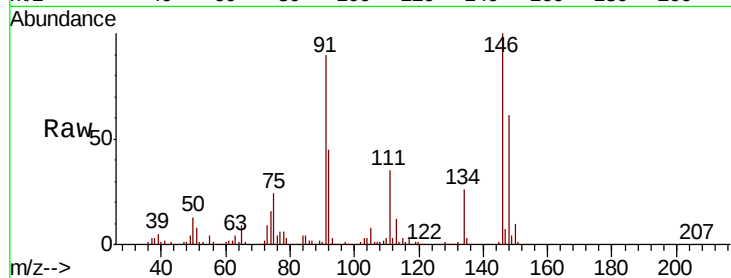




#91
 1,2-Dichlorobenzene
 Concen: 21.80 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.01 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

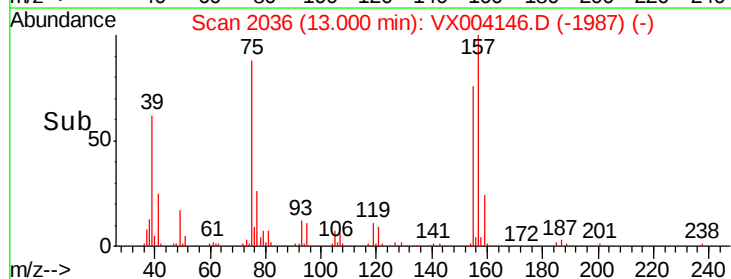
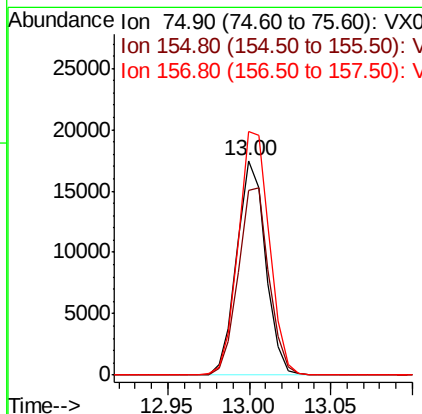
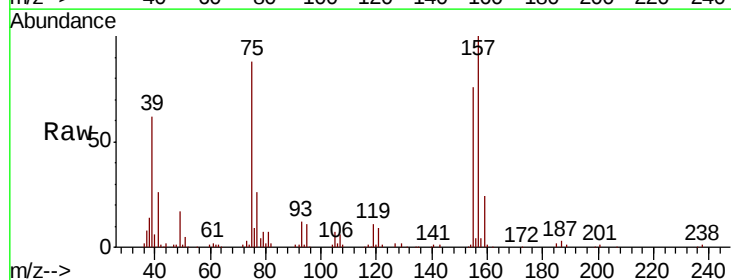
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

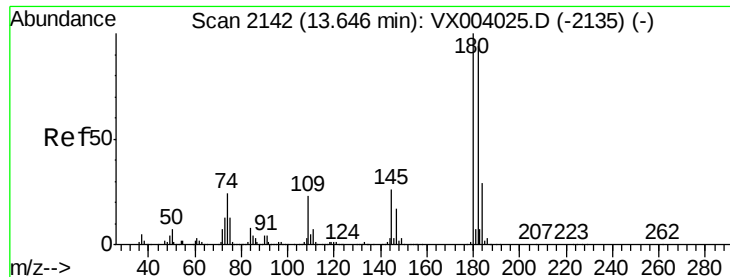
Tot Ion:146 Resp: 158356
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.7 59.0
 148 62.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.97 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion: 75 Resp: 21600
 Ion Ratio Lower Upper
 75 100
 155 92.5 48.7 146.1
 157 122.3 62.6 187.8

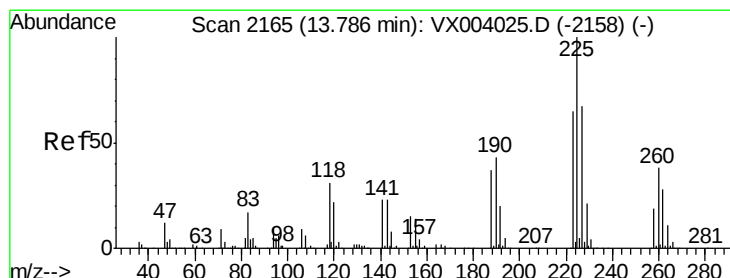
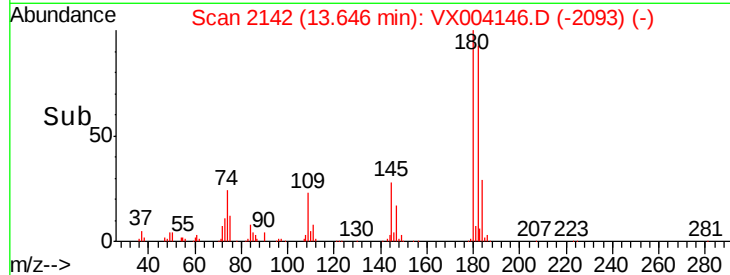
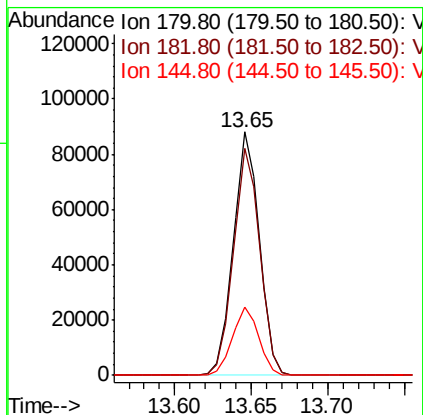
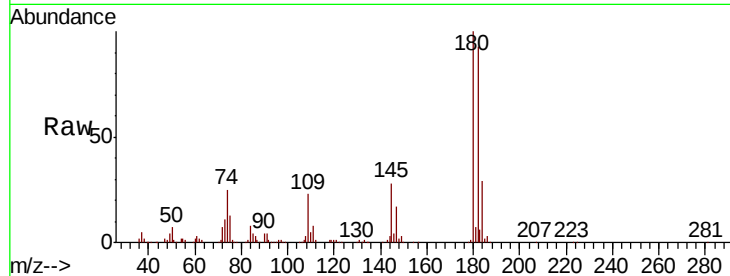




#93
 1,2,4-Trichlorobenzene
 Concen: 20.89 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

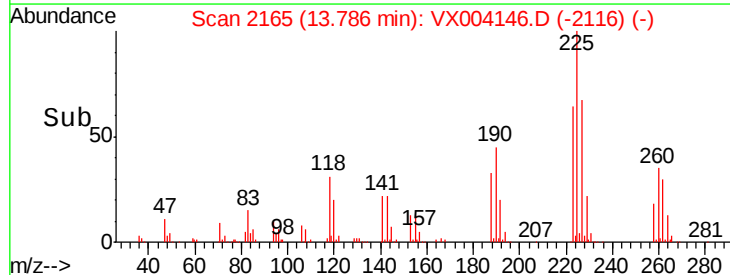
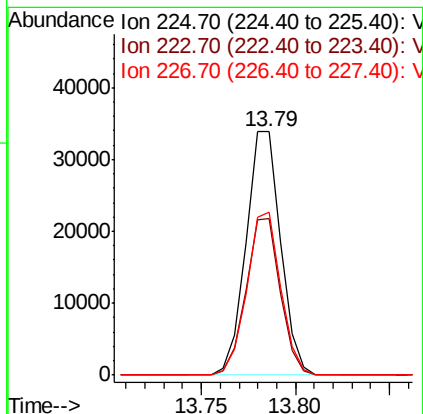
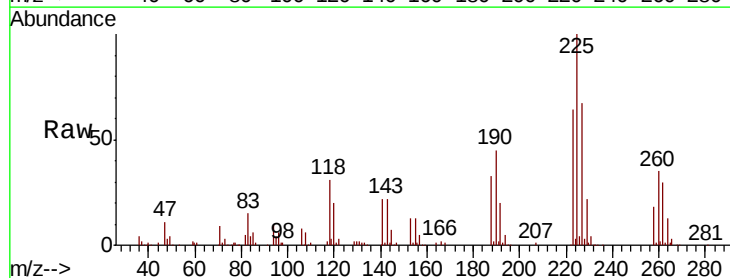
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0820WBS01

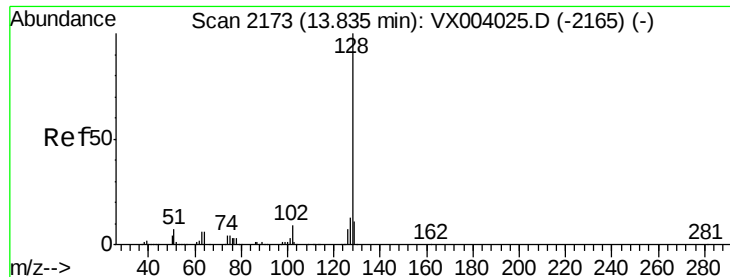
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.7	143.1
145	28.3	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 17.35 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX004146.D
 Acq: 20 Aug 2018 12:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.4	94.0
227	65.4	32.1	96.5

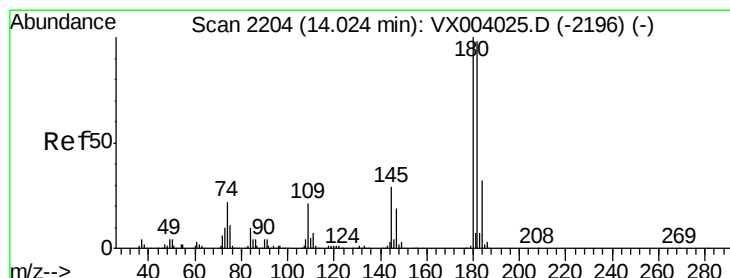
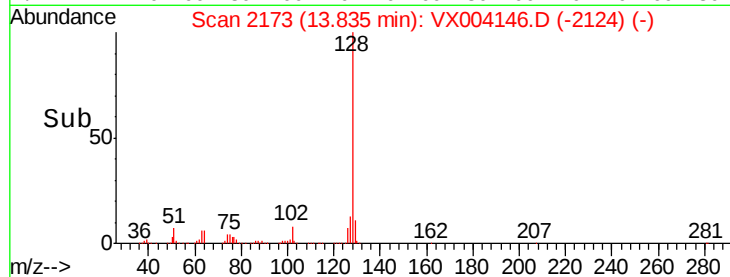
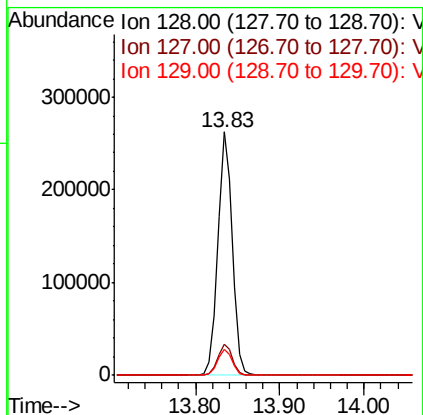
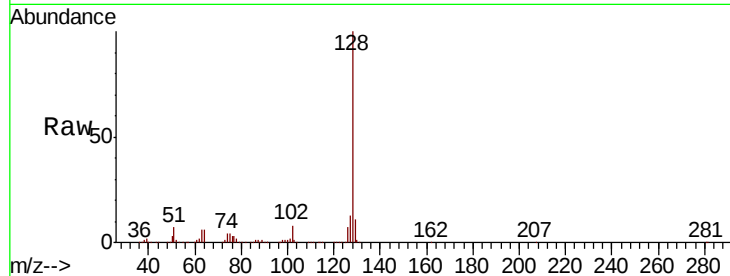




#95
Naphthalene
Concen: 20.39 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Instrument :
MSVOA_X
ClientSampleId :
VX0820WBS01

Tot Ion:128 Resp: 311712
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.08 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX004146.D
Acq: 20 Aug 2018 12:16

Tgt Ion:180 Resp: 108693
Ion Ratio Lower Upper
180 100
182 94.6 48.1 144.4
145 29.6 14.9 44.7

