

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004304.D
 Acq On : 29 Aug 2018 21:11
 Operator : JC/MD
 Sample : VX0829WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Quant Time: Aug 30 02:12:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	434610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	406316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	239750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	193967	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	5.50	113	167114	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
50) Toluene-d8	8.71	98	619792	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.14	95	227100	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	68592	19.79	ug/l	99
3) Chloromethane	1.32	50	74505	19.62	ug/l	98
4) Vinyl Chloride	1.40	62	79778	20.34	ug/l	98
5) Bromomethane	1.64	94	41036	20.01	ug/l	99
6) Chloroethane	1.72	64	52874	18.28	ug/l	100
7) Trichlorofluoromethane	1.92	101	107858	20.07	ug/l	96
8) Diethyl Ether	2.18	74	47499	20.64	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	66174	19.66	ug/l	100
10) Methyl Iodide	2.51	142	63949	19.67	ug/l	98
11) Tert butyl alcohol	3.07	59	94268	113.37	ug/l	100
12) 1,1-Dichloroethene	2.37	96	62417	19.69	ug/l	99
13) Acrolein	2.29	56	18220	90.89	ug/l	98
14) Allyl chloride	2.73	41	115766	19.87	ug/l	98
15) Acrylonitrile	3.15	53	213776	103.82	ug/l	100
16) Acetone	2.45	43	179501	108.15	ug/l	98
17) Carbon Disulfide	2.56	76	157771	18.43	ug/l	99
18) Methyl Acetate	2.78	43	146055	25.23	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	215356	20.61	ug/l	99
20) Methylene Chloride	2.86	84	74917	19.95	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	67585	19.26	ug/l	97
22) Diisopropyl ether	3.87	45	219042	20.14	ug/l	97
23) Vinyl Acetate	3.82	43	843742	95.72	ug/l	99
24) 1,1-Dichloroethane	3.69	63	132097	20.84	ug/l	99
25) 2-Butanone	4.71	43	276837	104.26	ug/l	99
26) 2,2-Dichloropropane	4.58	77	71265	14.34	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	78200	19.65	ug/l	96
28) Bromochloromethane	5.01	49	58960	21.01	ug/l	98
29) Tetrahydrofuran	5.16	42	176746	105.46	ug/l	100
30) Chloroform	5.21	83	130673	20.56	ug/l	97
31) Cyclohexane	5.57	56	103639	18.95	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	106810	20.16	ug/l	99
36) 1,1-Dichloropropene	5.80	75	93337	19.10	ug/l	98
37) Ethyl Acetate	4.86	43	98932	20.59	ug/l	99
38) Carbon Tetrachloride	5.78	117	92312	20.08	ug/l	98

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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	98946	17.74	ug/l	99
40) Benzene	6.14	78	295596	20.25	ug/l	99
41) Methacrylonitrile	5.06	41	56405	20.25	ug/l	98
42) 1,2-Dichloroethane	6.20	62	101940	20.47	ug/l	100
43) Isopropyl Acetate	6.47	43	147953	20.04	ug/l	99
44) Trichloroethene	7.21	130	78259	19.36	ug/l	99
45) 1,2-Dichloropropane	7.52	63	76397	20.91	ug/l	99
46) Dibromomethane	7.67	93	49141	20.20	ug/l	99
47) Bromodichloromethane	7.90	83	92975	20.54	ug/l	100
48) Methyl methacrylate	7.78	41	79493	20.12	ug/l	99
49) 1,4-Dioxane	7.76	88	37214	414.85	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	537158	100.12	ug/l	100
52) Toluene	8.79	92	186003	20.35	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93328	18.66	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	105985	19.46	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	77376	20.97	ug/l	97
56) Ethyl methacrylate	9.18	69	100003	19.91	ug/l	99
57) 1,3-Dichloropropane	9.37	76	127902	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	277474	107.83	ug/l	99
59) 2-Hexanone	9.50	43	408784	99.88	ug/l	99
60) Dibromochloromethane	9.59	129	73168	20.36	ug/l	98
61) 1,2-Dibromoethane	9.67	107	76075	19.93	ug/l	99
64) Tetrachloroethene	9.34	164	81512	20.31	ug/l	99
65) Chlorobenzene	10.14	112	198143	19.43	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	70552	20.06	ug/l	97
67) Ethyl Benzene	10.26	91	315912	19.08	ug/l	99
68) m/p-Xylenes	10.36	106	267362	41.29	ug/l	99
69) o-Xylene	10.70	106	127249	20.77	ug/l	99
70) Styrene	10.71	104	211269	21.30	ug/l	99
71) Bromoform	10.86	173	54915	19.37	ug/l #	98
73) Isopropylbenzene	11.02	105	345267	21.93	ug/l	100
74) N-amyl acetate	10.90	43	122767	20.25	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	118387	21.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	126705	25.99	ug/l	86
77) Bromobenzene	11.26	156	94314	21.35	ug/l	99
78) n-propylbenzene	11.36	91	389937	21.53	ug/l	100
79) 2-Chlorotoluene	11.42	91	237134	21.27	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	285925	21.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27189	18.09	ug/l	95
82) 4-Chlorotoluene	11.51	91	272044	20.74	ug/l	98
83) tert-Butylbenzene	11.77	119	278171	21.20	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	294754	22.02	ug/l	99
85) sec-Butylbenzene	11.95	105	329118	21.13	ug/l	100
86) p-Isopropyltoluene	12.07	119	286836	20.55	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	170110	20.45	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	171095	19.51	ug/l	99
89) n-Butylbenzene	12.39	91	218664	19.26	ug/l	100
90) Hexachloroethane	12.60	117	40878	20.95	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	157363	20.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19639	20.23	ug/l	98

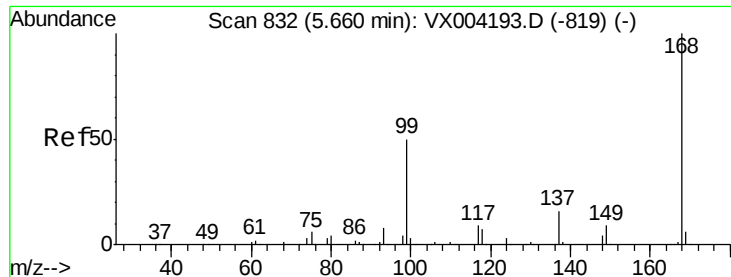
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Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106644	19.28	ug/l	97
94) Hexachlorobutadiene	13.79	225	52232	20.22	ug/l	97
95) Naphthalene	13.83	128	347018	22.19	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	123203	21.04	ug/l	98

(#) = 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. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

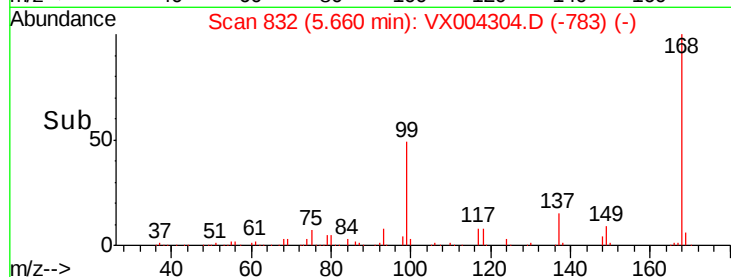
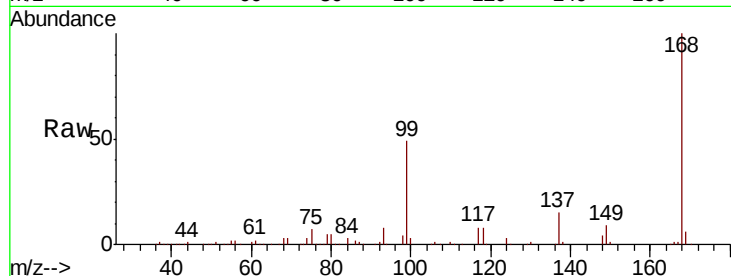
VX0829WBS02

Tot Ion:168 Resp: 299274

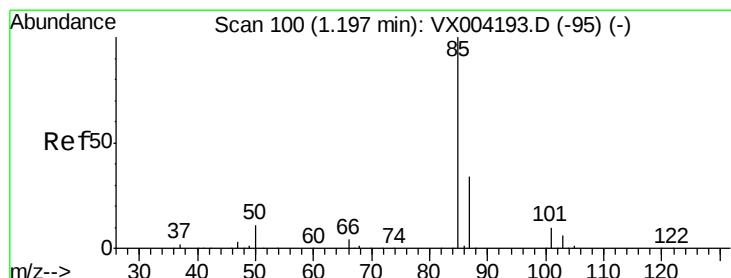
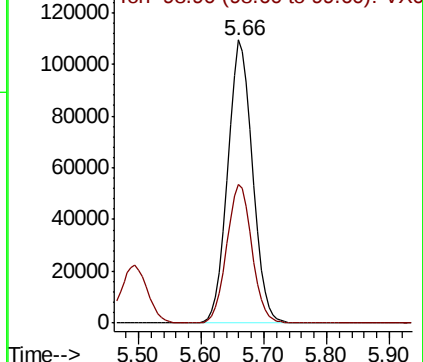
Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX004304.D (-783) (-)



#2

Dichlorodifluoromethane

Concen: 19.79 ug/l

RT: 1.19 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX004304.D

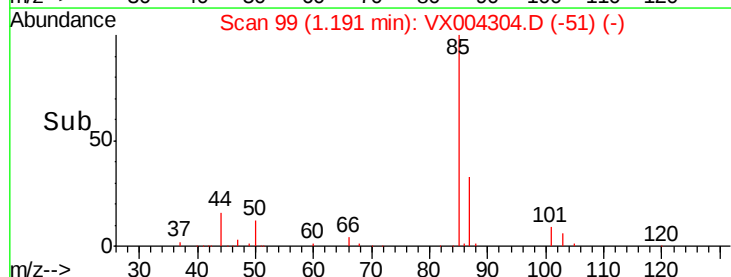
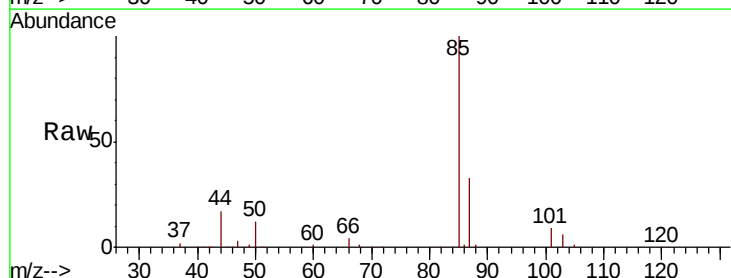
Acq: 29 Aug 2018 21:11

Tgt Ion: 85 Resp: 68592

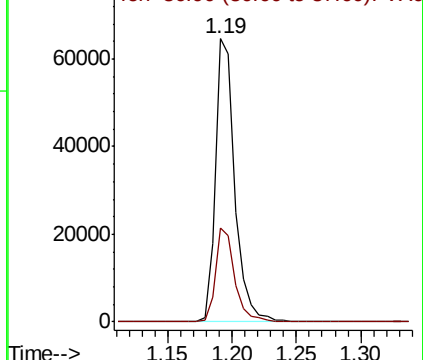
Ion Ratio Lower Upper

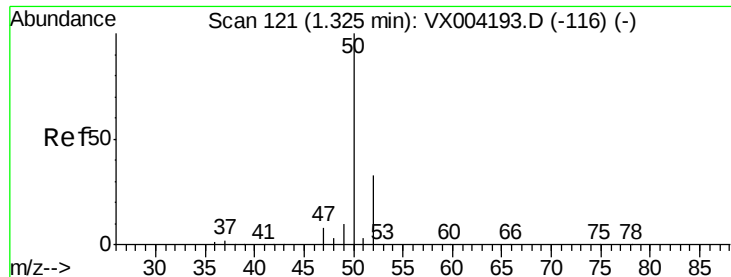
85 100

87 33.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX004304.D (-51) (-)





#3

Chloromethane

Concen: 19.62 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

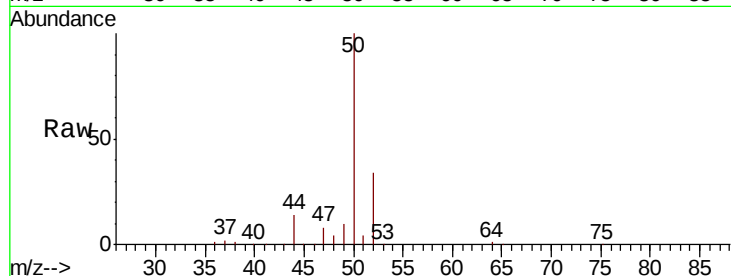
VX0829WBS02

Tot Ion: 50 Resp: 74505

Ion Ratio Lower Upper

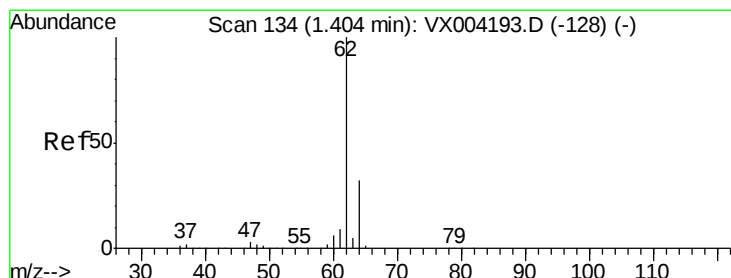
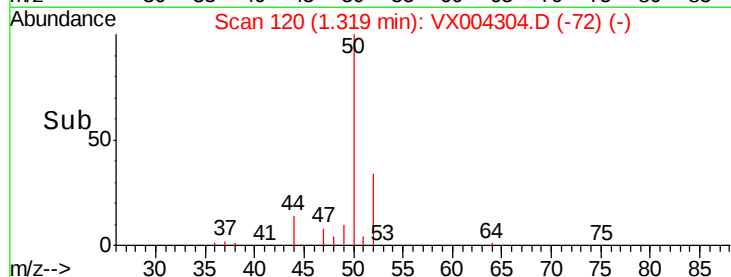
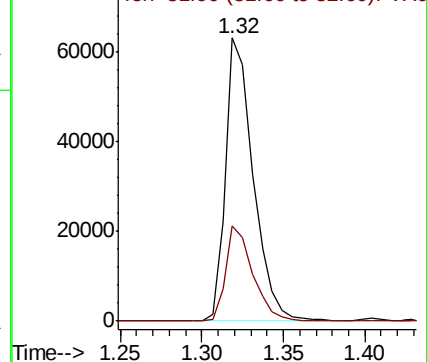
50 100

52 33.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.34 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX004304.D

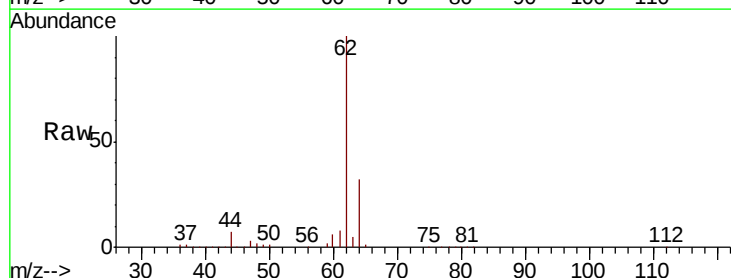
Acq: 29 Aug 2018 21:11

Tgt Ion: 62 Resp: 79778

Ion Ratio Lower Upper

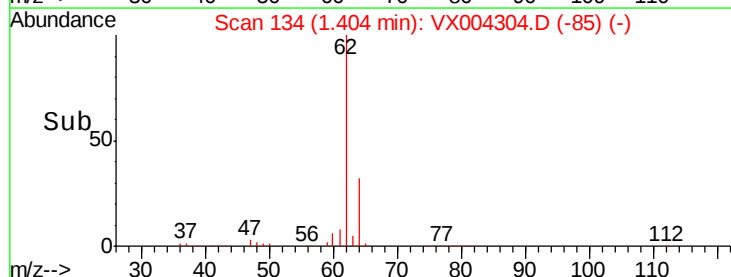
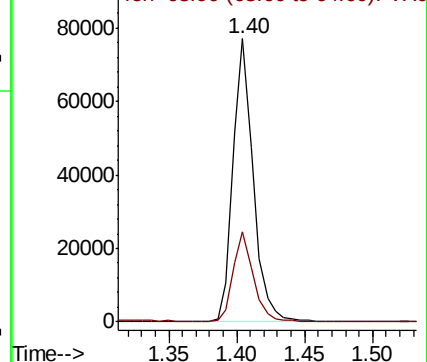
62 100

64 31.4 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.01 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

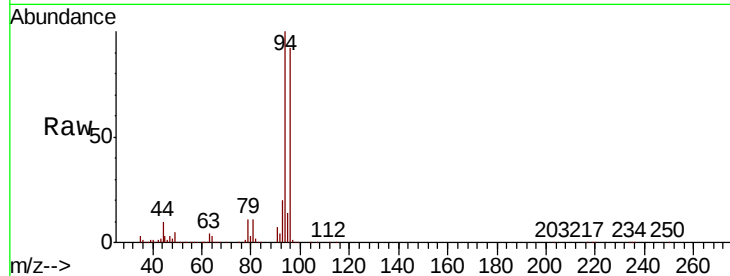
VX0829WBS02

Tot Ion: 94 Resp: 41036

Ion Ratio Lower Upper

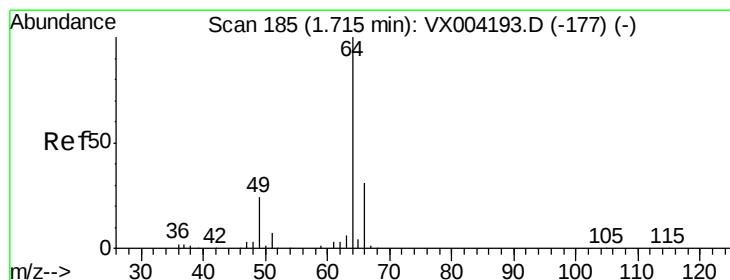
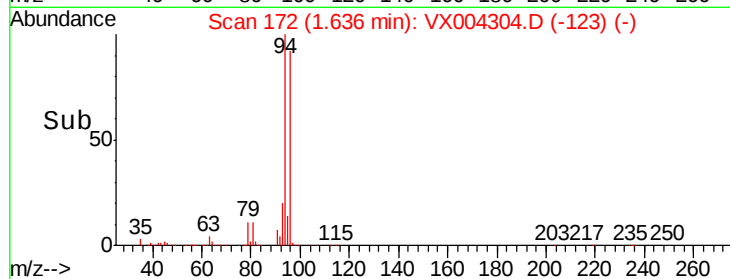
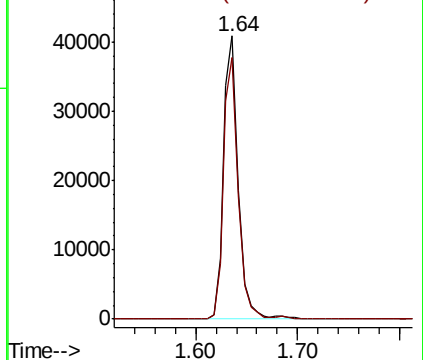
94 100

96 92.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.28 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX004304.D

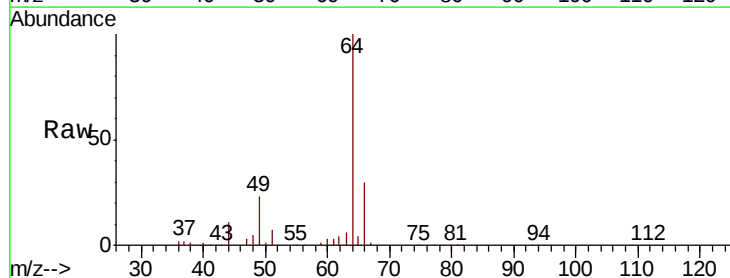
Acq: 29 Aug 2018 21:11

Tgt Ion: 64 Resp: 52874

Ion Ratio Lower Upper

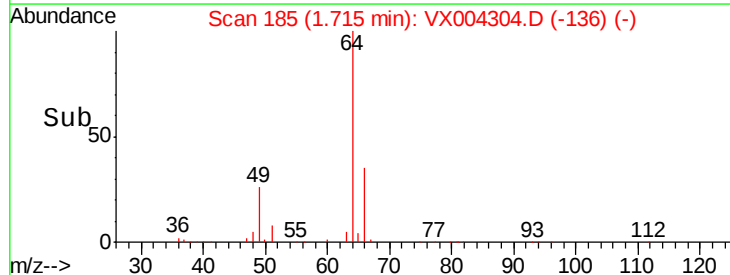
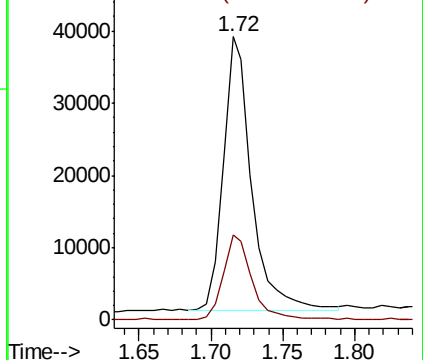
64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



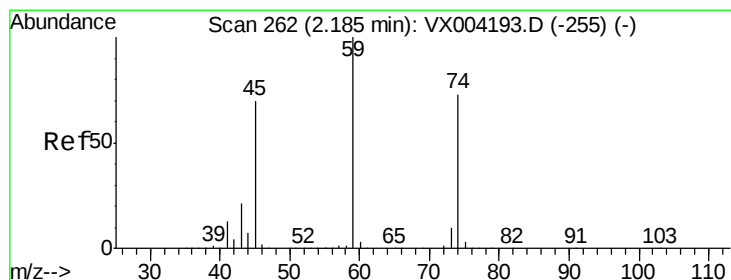
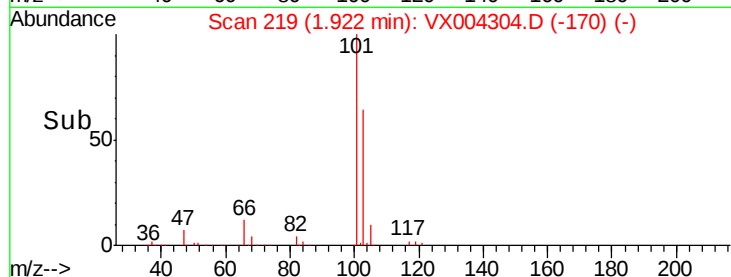
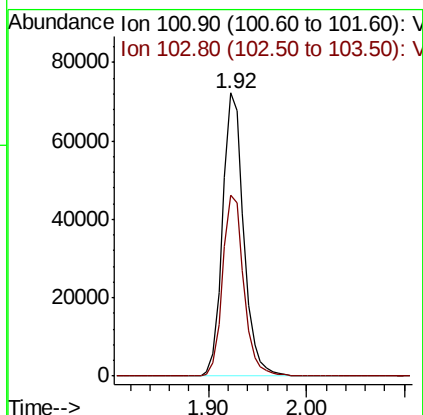
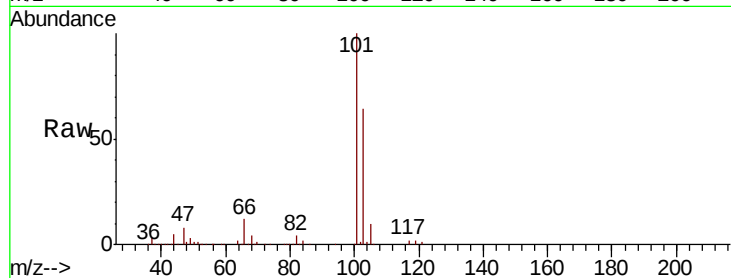


#7

Trichlorofluoromethane
Concen: 20.07 ug/l
RT: 1.92 min Scan# 219
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

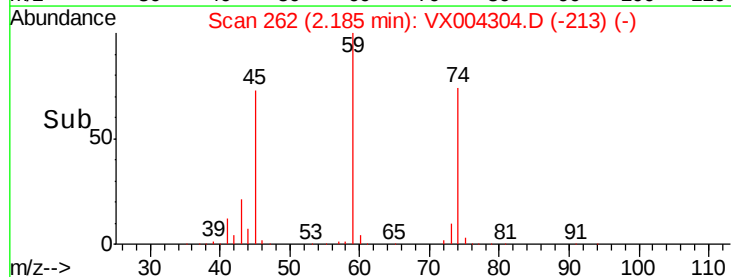
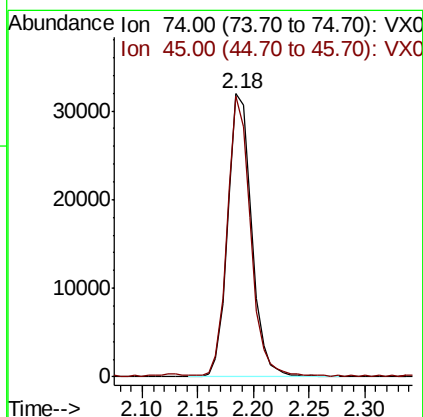
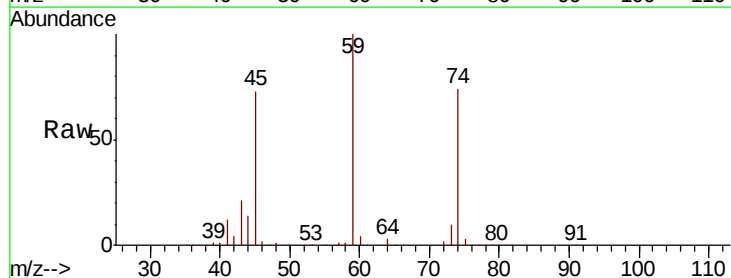
Tot Ion:101 Resp: 107858
Ion Ratio Lower Upper
101 100
103 63.8 48.9 73.3

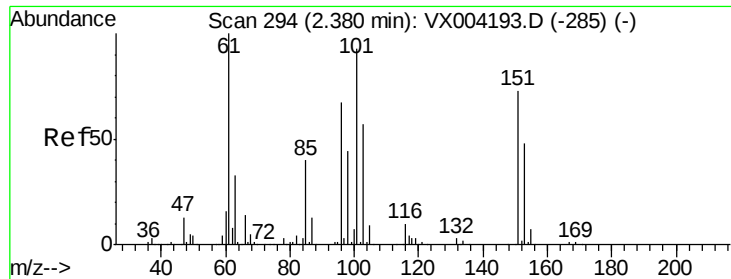


#8

Diethyl Ether
Concen: 20.64 ug/l
RT: 2.18 min Scan# 262
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion: 74 Resp: 47499
Ion Ratio Lower Upper
74 100
45 95.2 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.66 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

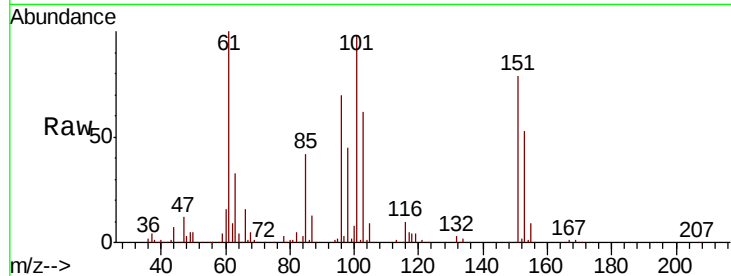
Tot Ion:101 Resp: 66174

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

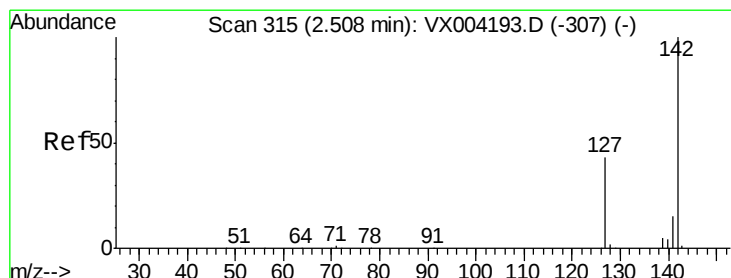
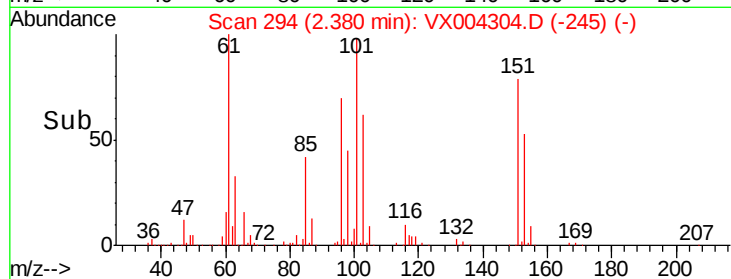
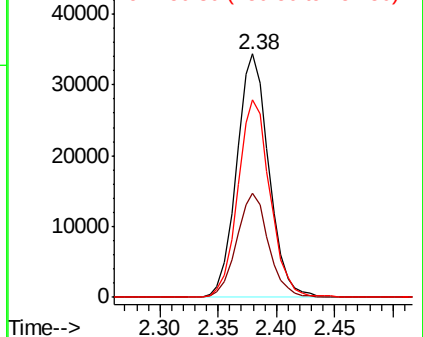
151 81.1 65.0 97.6



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: 19.67 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

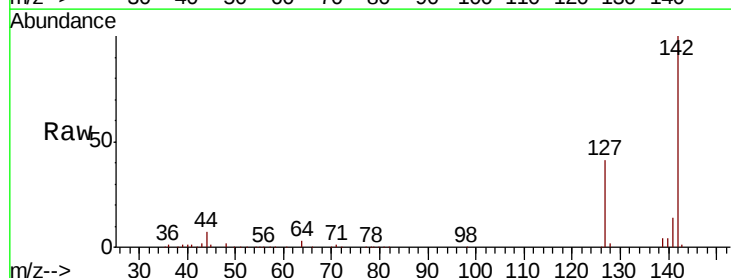
Tgt Ion:142 Resp: 63949

Ion Ratio Lower Upper

142 100

127 40.8 33.8 50.6

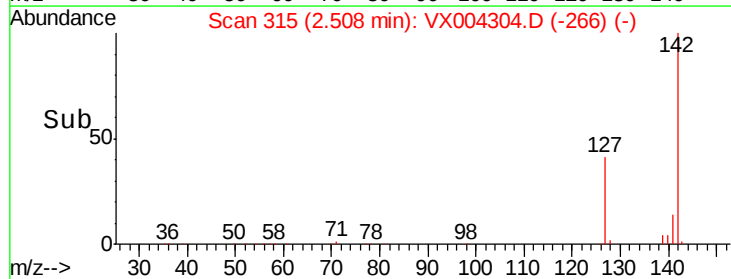
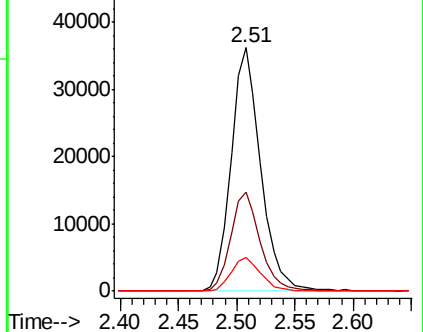
141 13.9 11.4 17.0

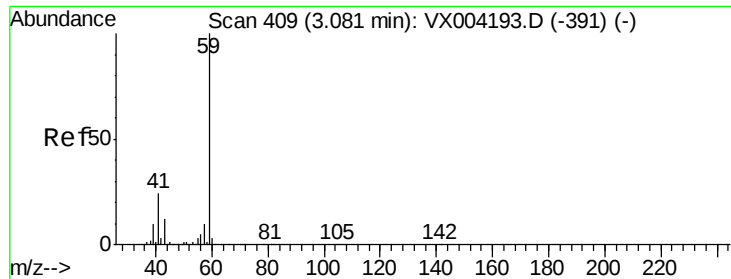


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



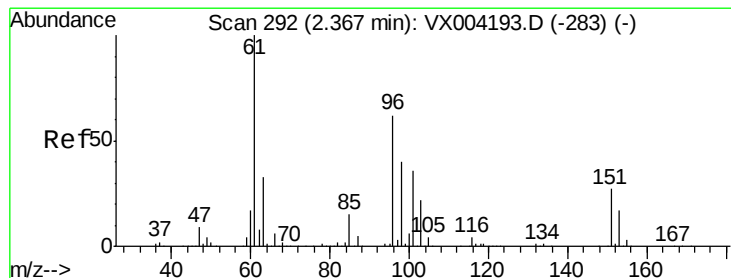
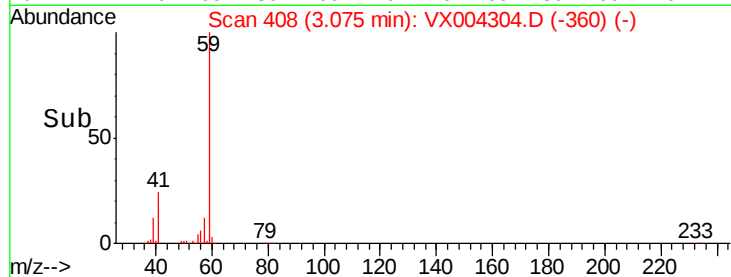
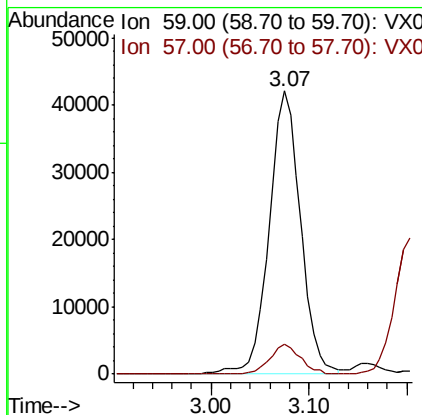
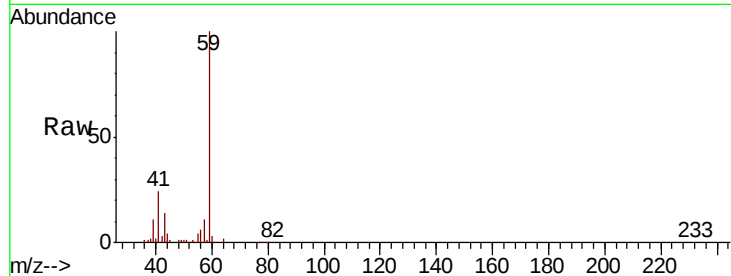


#11

Tert butyl alcohol
 Concen: 113.37 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

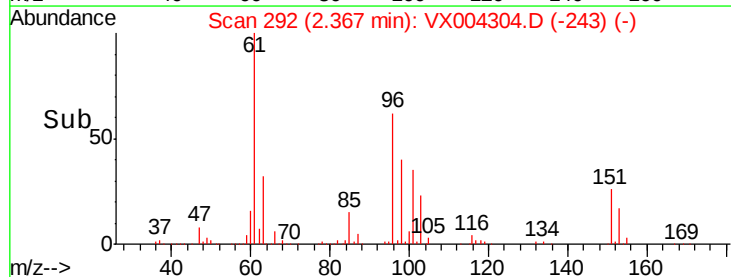
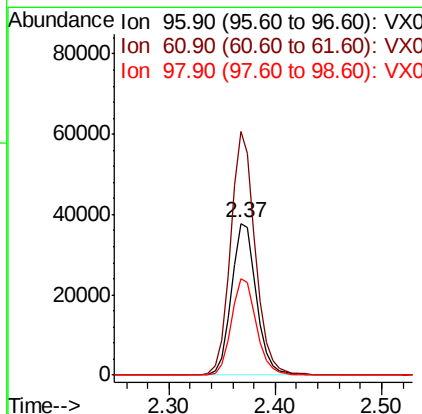
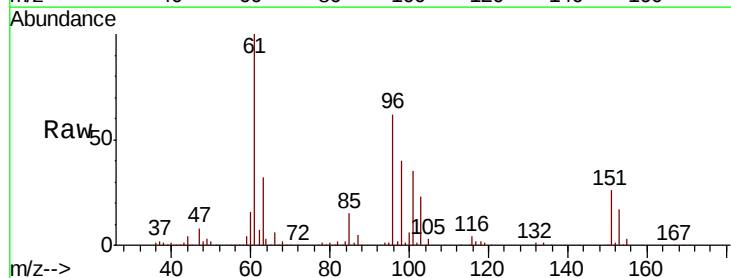
Tot Ion: 59 Resp: 94268
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

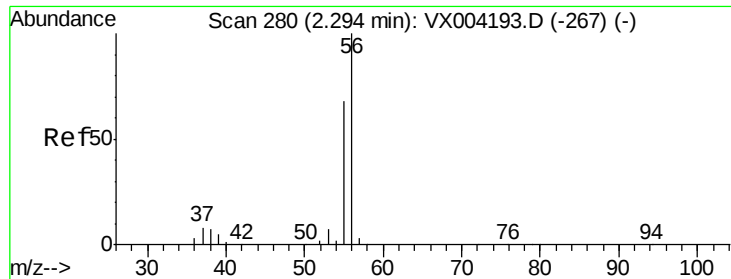


#12

1,1-Dichloroethene
 Concen: 19.69 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Tgt Ion: 96 Resp: 62417
 Ion Ratio Lower Upper
 96 100
 61 160.1 128.8 193.2
 98 63.4 52.2 78.2





#13

Acrolein

Concen: 90.89 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

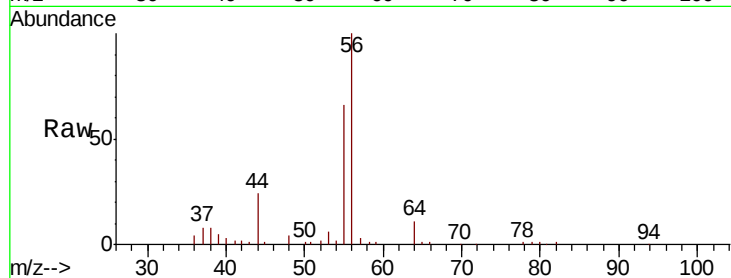
VX0829WBS02

Tot Ion: 56 Resp: 18220

Ion Ratio Lower Upper

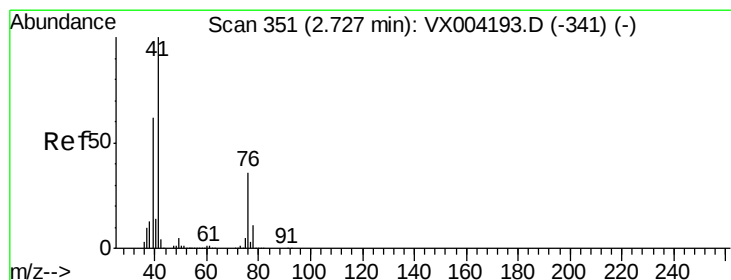
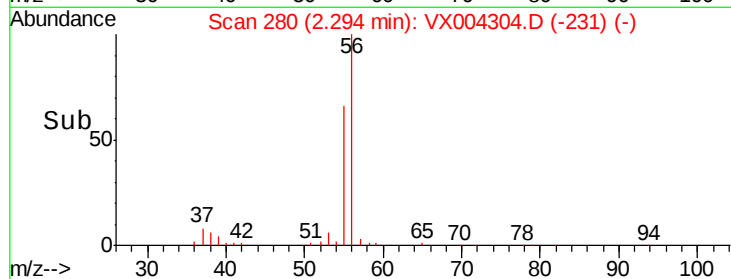
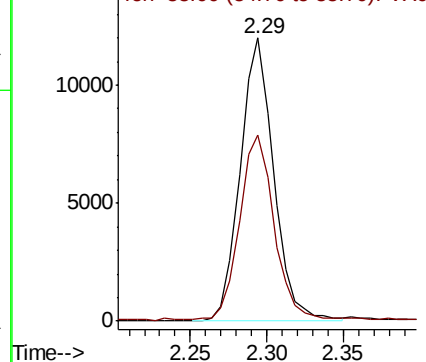
56 100

55 70.4 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.87 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

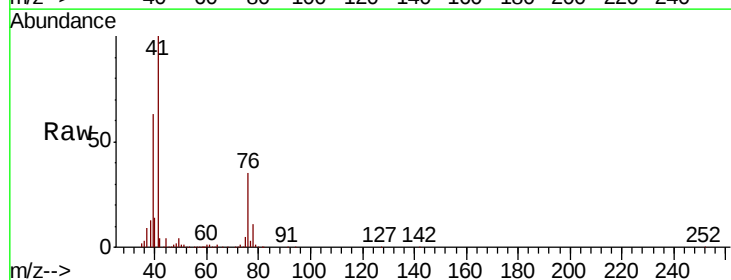
Tgt Ion: 41 Resp: 115766

Ion Ratio Lower Upper

41 100

39 59.2 48.9 73.3

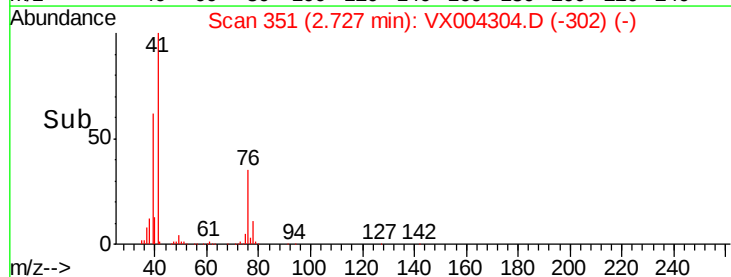
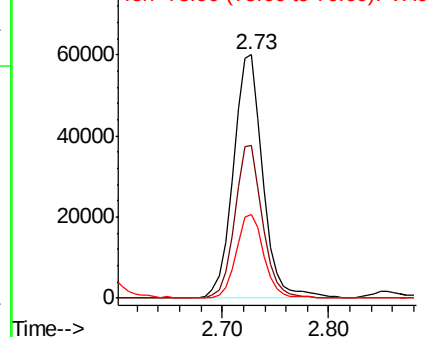
76 32.6 26.7 40.1



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: 103.82 ug/l

RT: 3.15 min Scan# 420

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS02

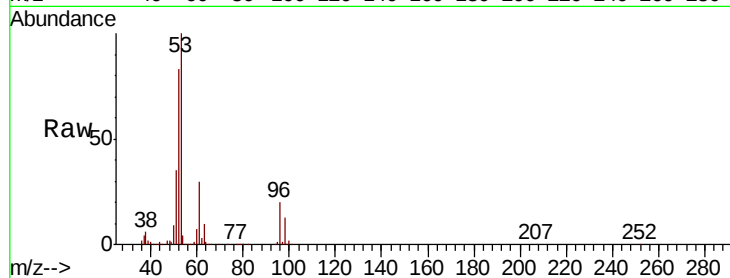
Tot Ion: 53 Resp: 213776

Ion Ratio Lower Upper

53 100

52 81.9 65.2 97.8

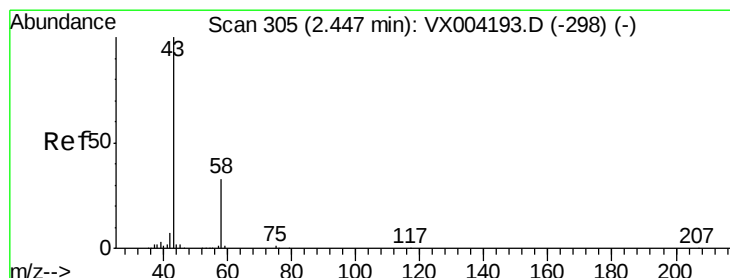
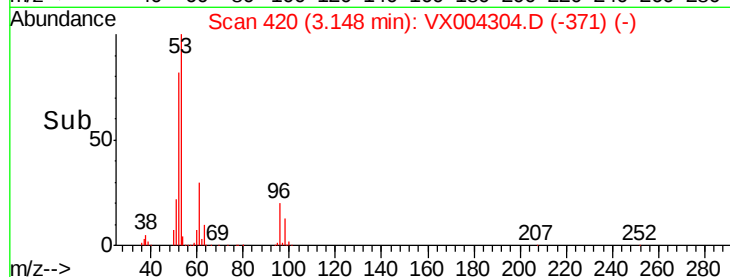
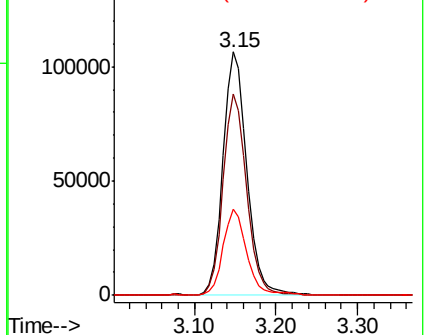
51 35.1 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 108.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004304.D

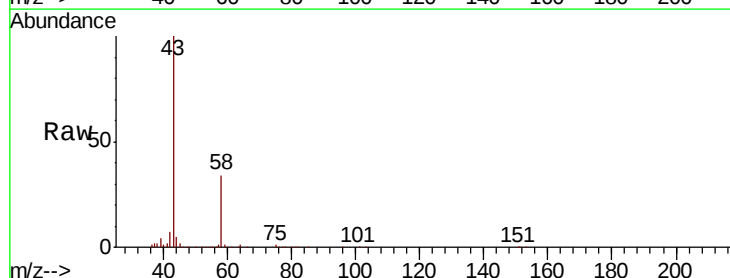
Acq: 29 Aug 2018 21:11

Tgt Ion: 43 Resp: 179501

Ion Ratio Lower Upper

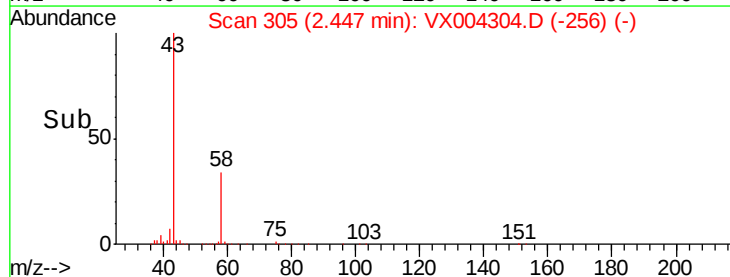
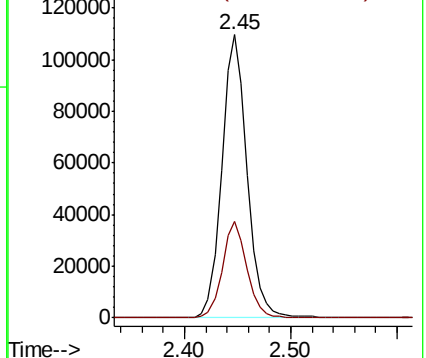
43 100

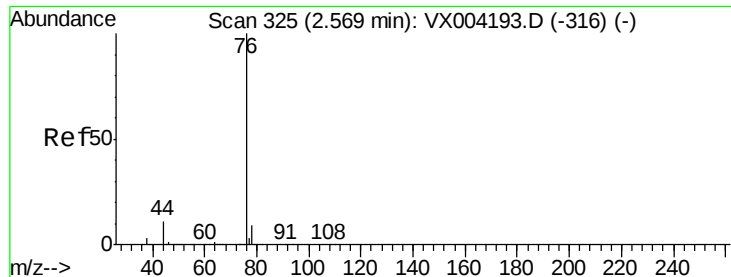
58 33.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 18.43 ug/l

RT: 2.56 min Scan# 324

Delta R.T. -0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

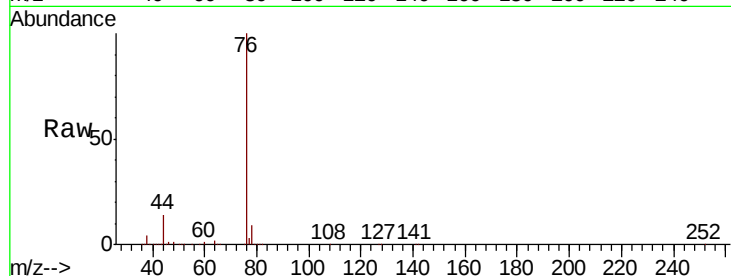
VX0829WBS02

Tot Ion: 76 Resp: 157771

Ion Ratio Lower Upper

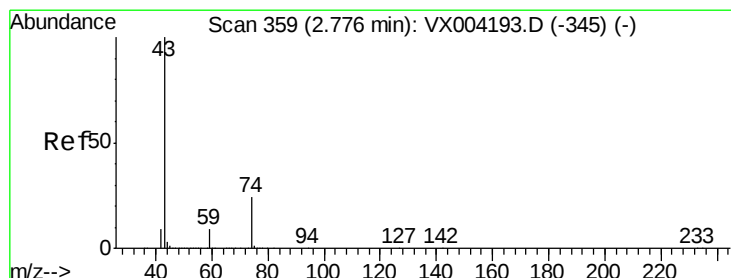
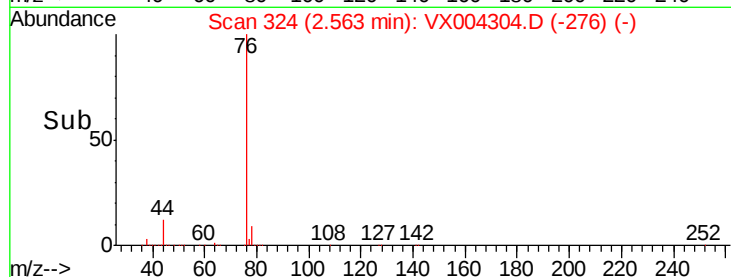
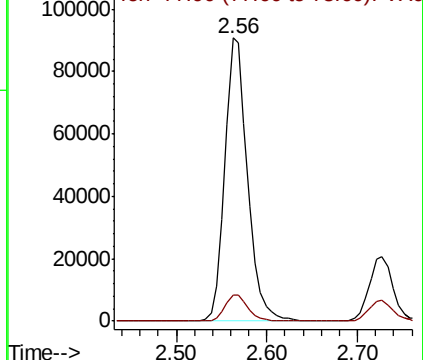
76 100

78 9.0 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 25.23 ug/l

RT: 2.78 min Scan# 359

Delta R.T. 0.00 min

Lab File: VX004304.D

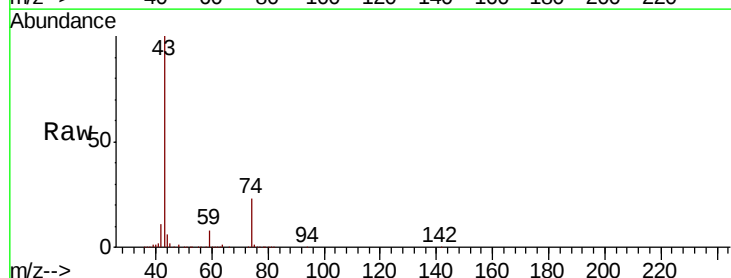
Acq: 29 Aug 2018 21:11

Tgt Ion: 43 Resp: 146055

Ion Ratio Lower Upper

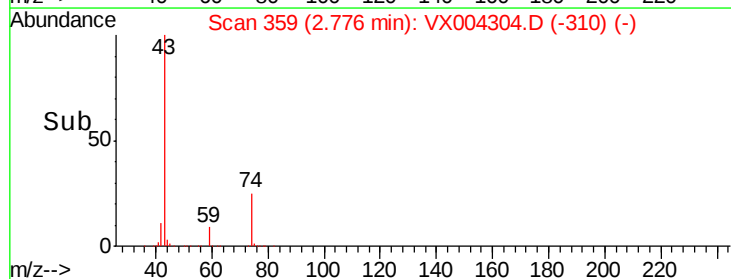
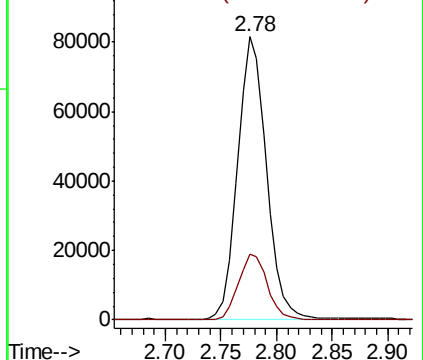
43 100

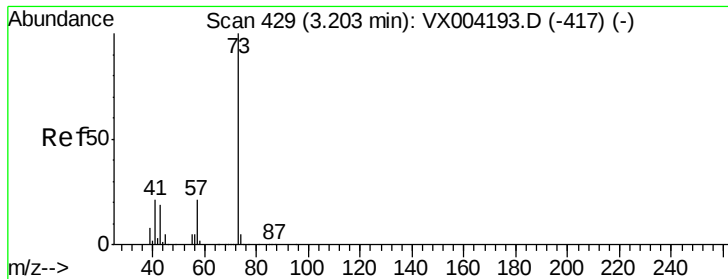
74 23.9 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

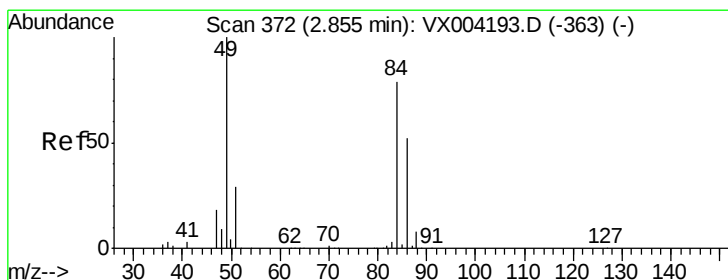
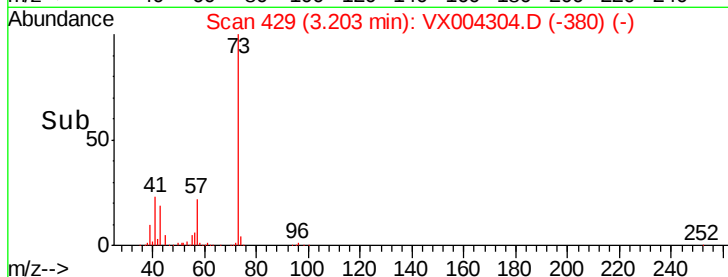
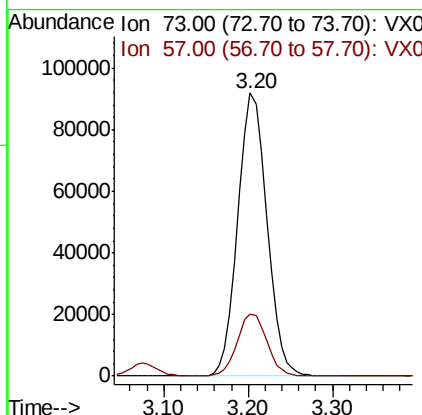
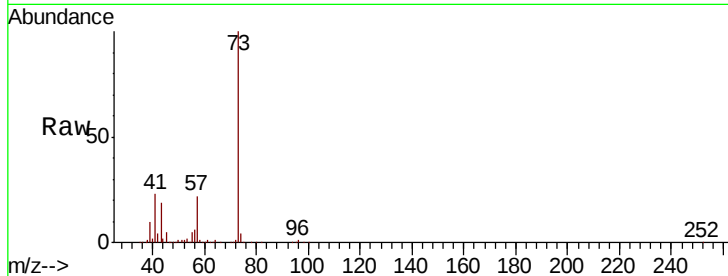




#19
Methyl tert-butyl Ether
Concen: 20.61 ug/l
RT: 3.20 min Scan# 429
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

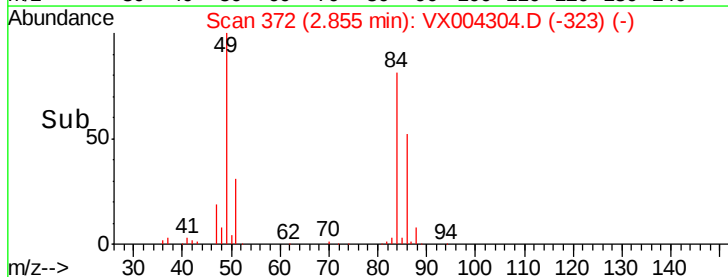
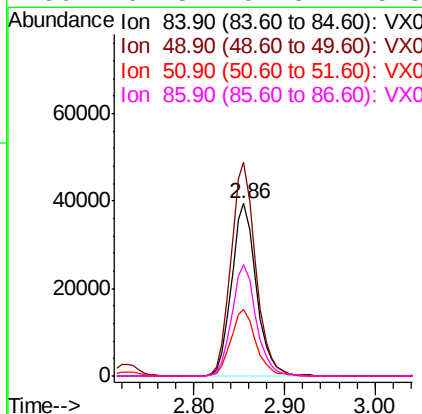
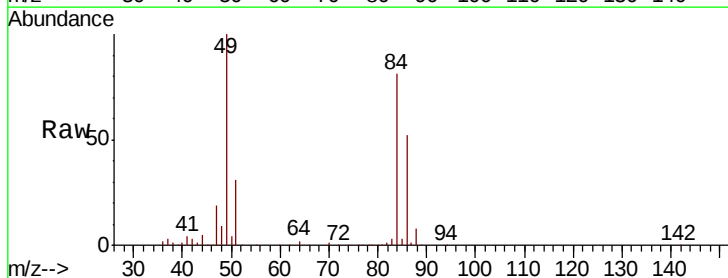
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS02

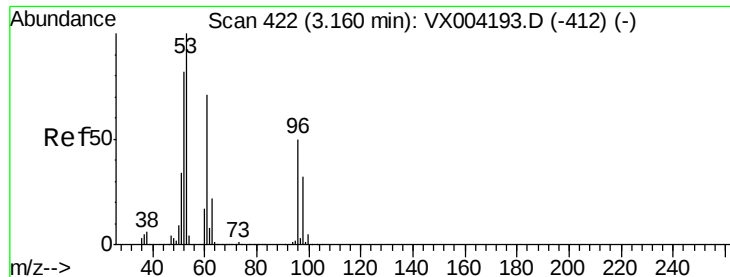
Tot Ion: 73 Resp: 215356
Ion Ratio Lower Upper
73 100
57 21.9 17.1 25.7



#20
Methylene Chloride
Concen: 19.95 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion: 84 Resp: 74917
Ion Ratio Lower Upper
84 100
49 123.9 101.2 151.8
51 38.4 29.5 44.3
86 64.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 19.26 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

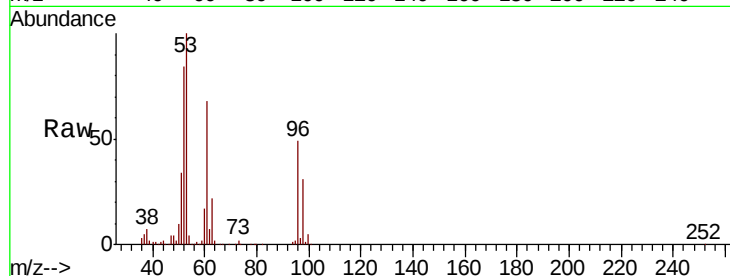
Tot Ion: 96 Resp: 67585

Ion Ratio Lower Upper

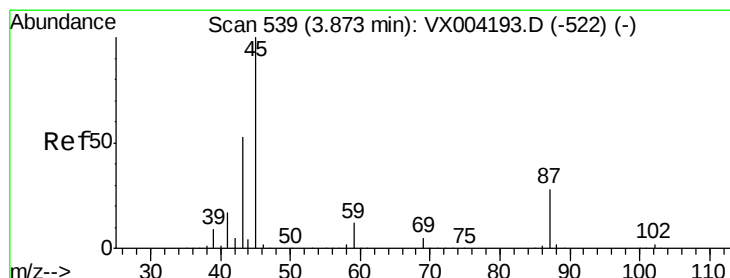
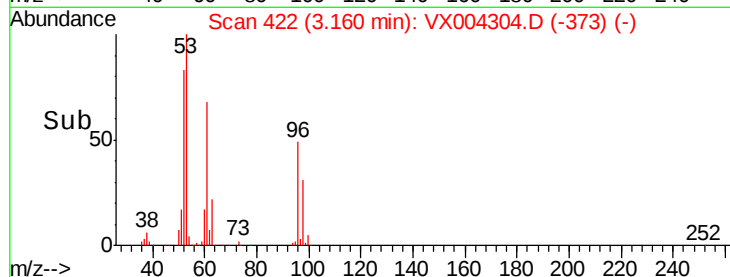
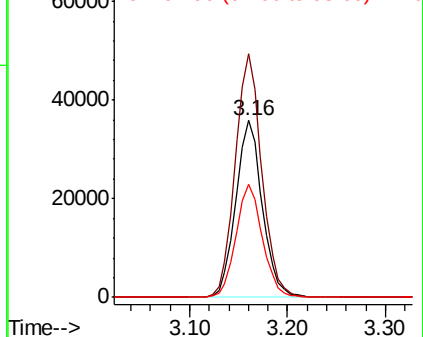
96 100

61 137.6 113.8 170.6

98 63.8 51.8 77.8



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



#22

Diisopropyl ether

Concen: 20.14 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Tgt Ion: 45 Resp: 219042

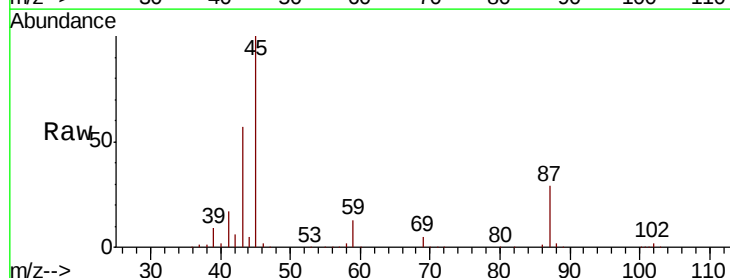
Ion Ratio Lower Upper

45 100

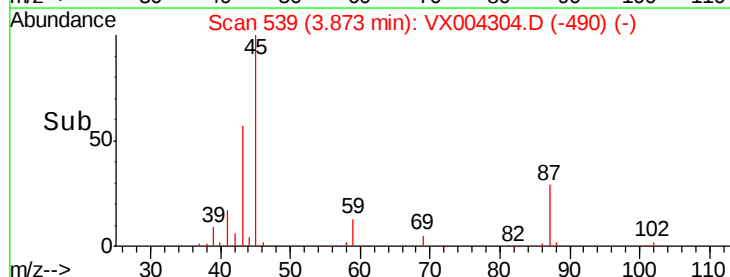
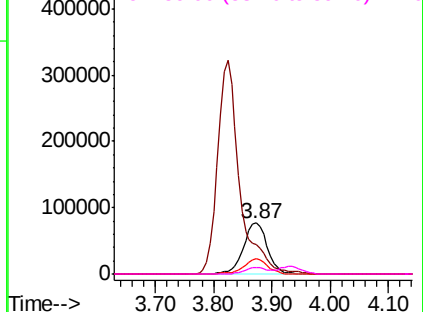
43 56.8 42.8 64.2

87 29.3 22.6 34.0

59 12.8 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: 95.72 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

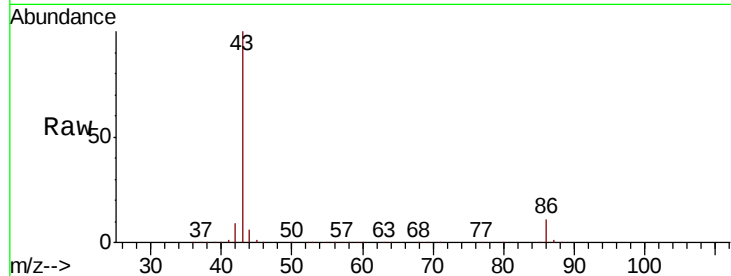
VX0829WBS02

Tot Ion: 43 Resp: 843742

Ion Ratio Lower Upper

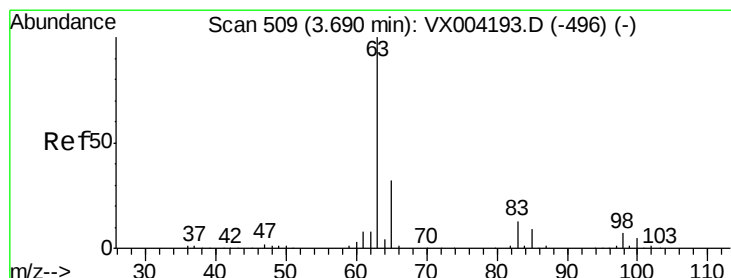
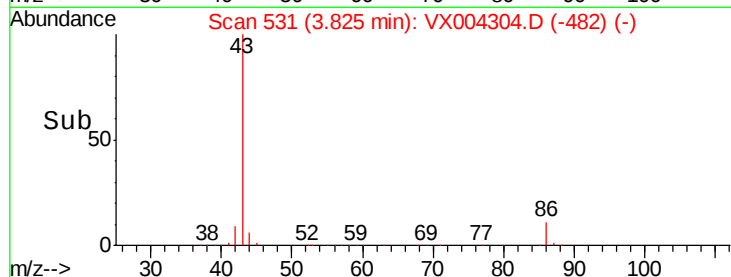
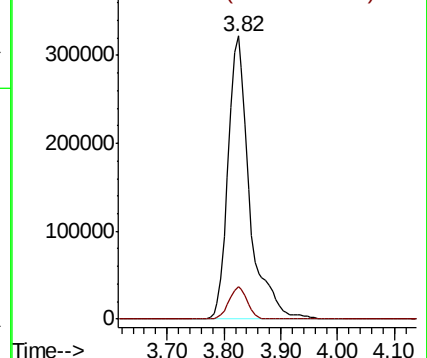
43 100

86 11.4 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: 20.84 ug/l

RT: 3.69 min Scan# 509

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

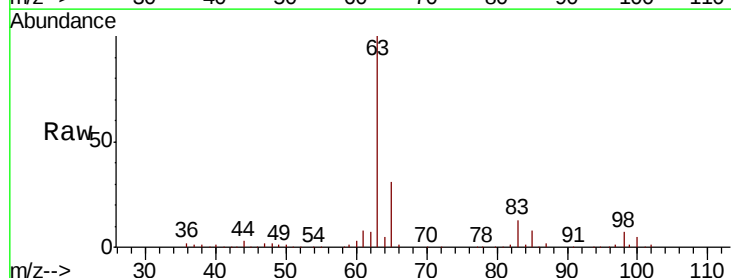
Tgt Ion: 63 Resp: 132097

Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

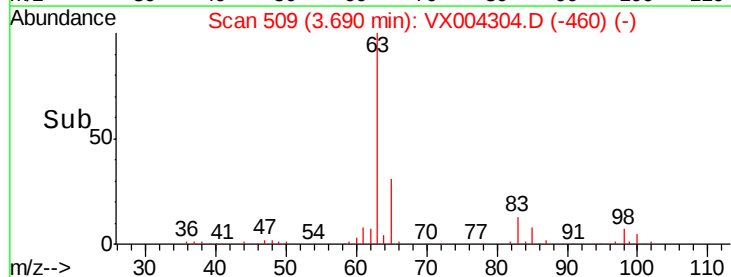
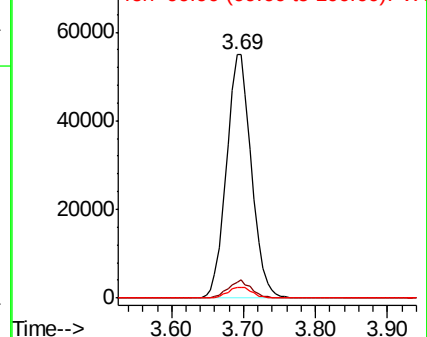
100 4.5 2.4 7.1

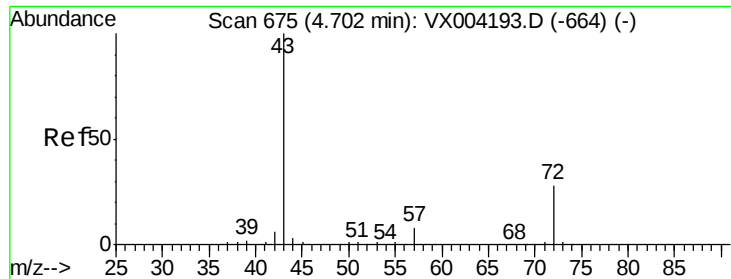


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 104.26 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

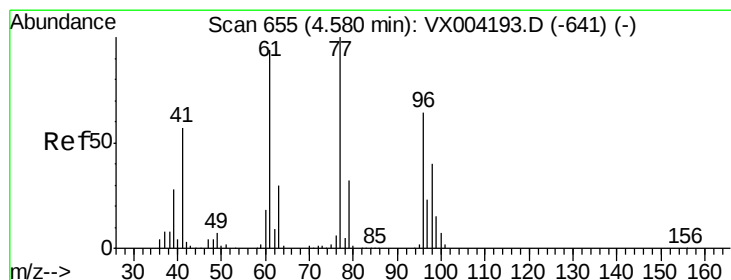
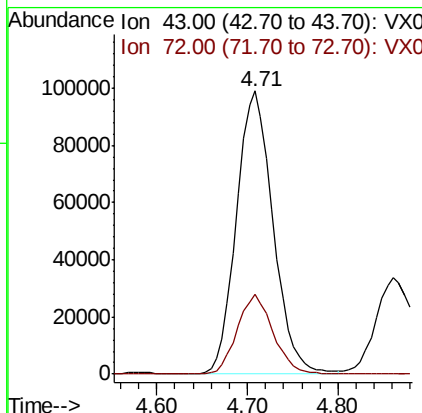
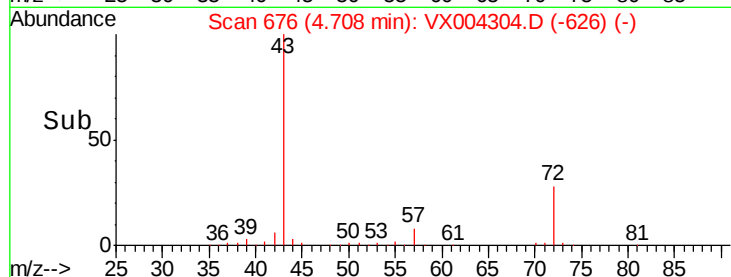
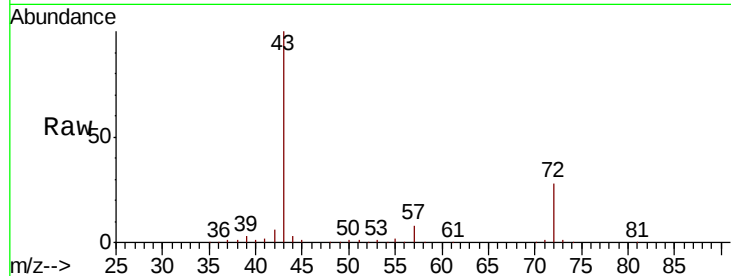
VX0829WBS02

Tot Ion: 43 Resp: 276837

Ion Ratio Lower Upper

43 100

72 28.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 14.34 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX004304.D

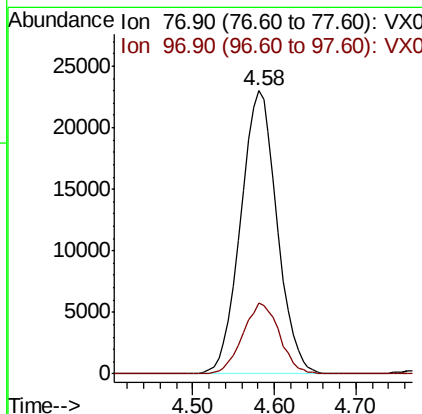
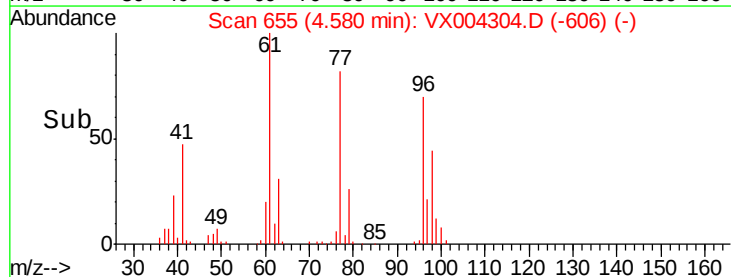
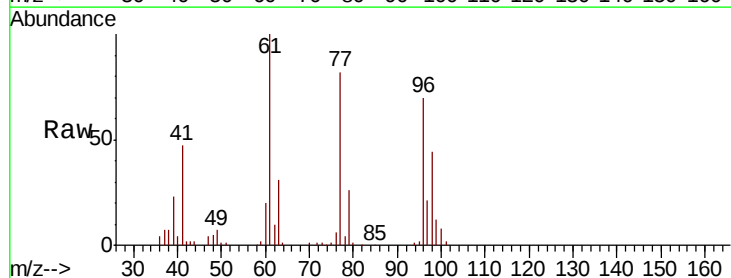
Acq: 29 Aug 2018 21:11

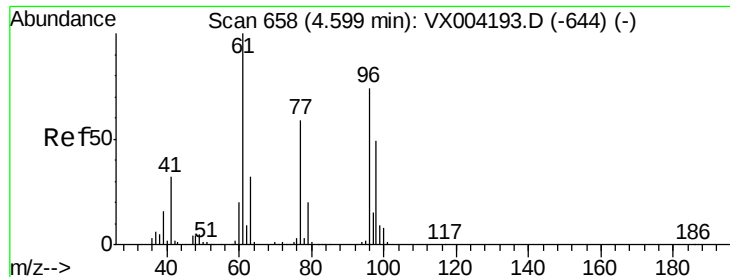
Tgt Ion: 77 Resp: 71265

Ion Ratio Lower Upper

77 100

97 25.3 11.7 35.0



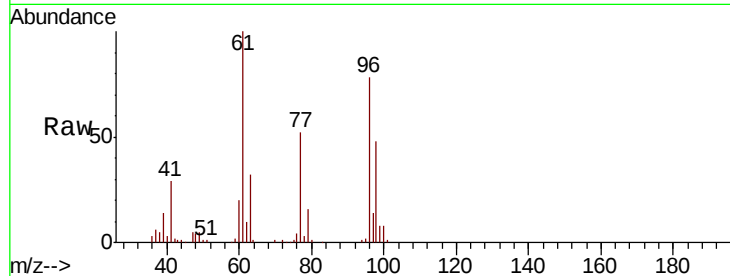


#27

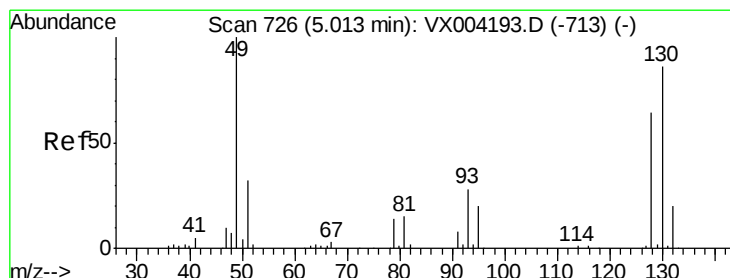
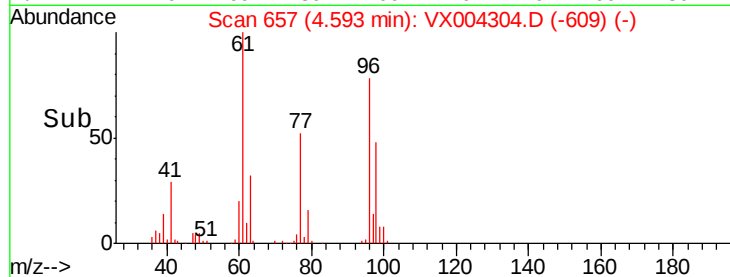
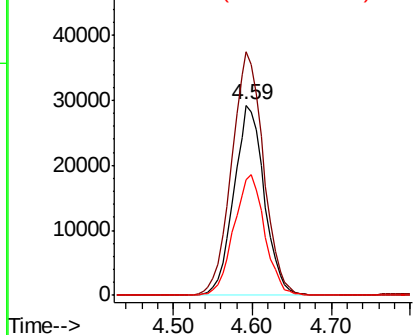
cis-1,2-Dichloroethene
 Concen: 19.65 ug/l
 RT: 4.59 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Tot Ion: 96 Resp: 78200
 Ion Ratio Lower Upper
 96 100
 61 134.3 0.0 282.6
 98 64.5 0.0 130.2



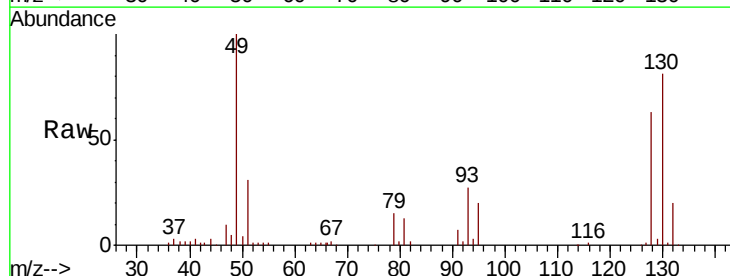
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



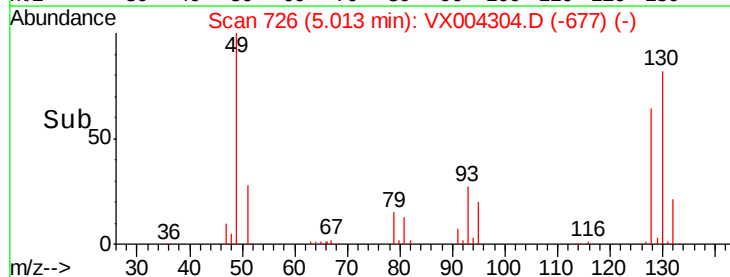
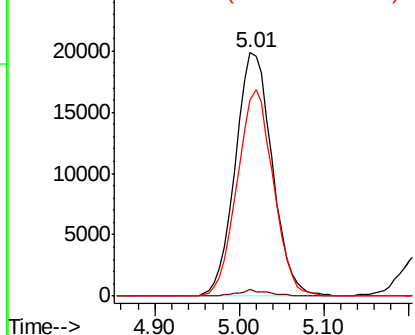
#28

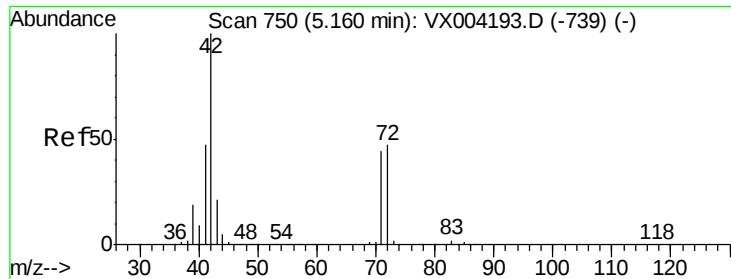
Bromochloromethane
 Concen: 21.01 ug/l
 RT: 5.01 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Tgt Ion: 49 Resp: 58960
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.2
 130 83.0 67.5 101.3



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: 105.46 ug/l

RT: 5.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

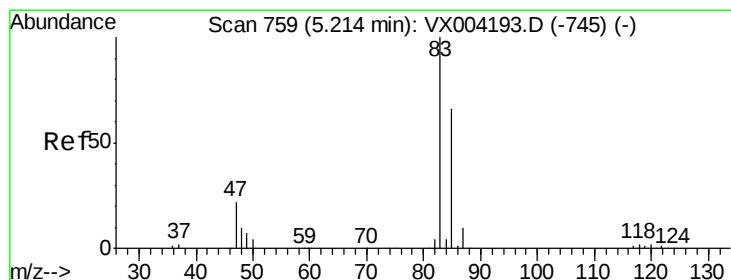
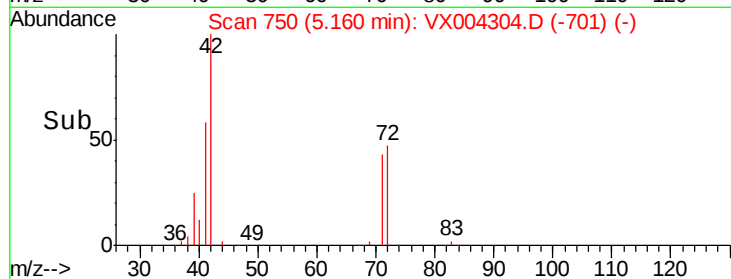
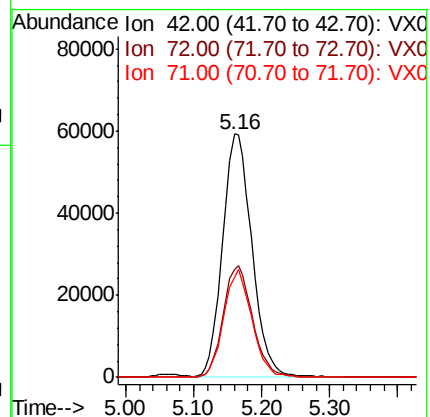
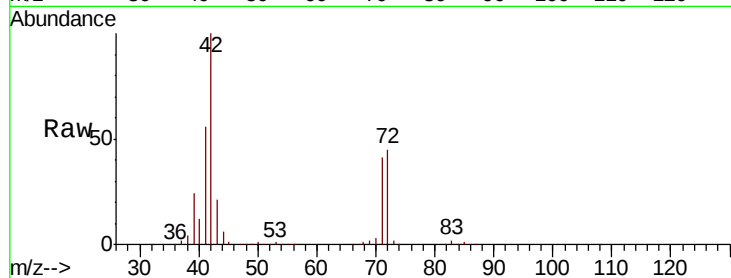
Tot Ion: 42 Resp: 176746

Ion Ratio Lower Upper

42 100

72 46.4 37.4 56.0

71 42.8 34.5 51.7



#30

Chloroform

Concen: 20.56 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004304.D

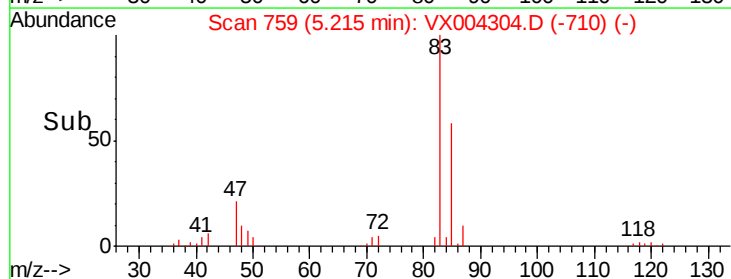
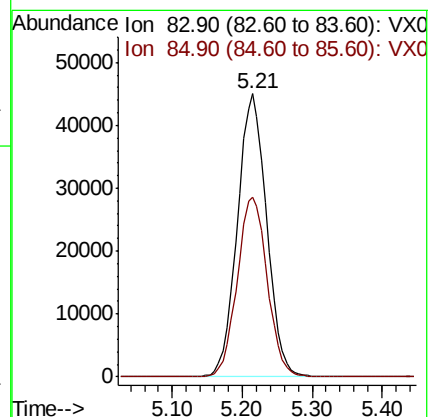
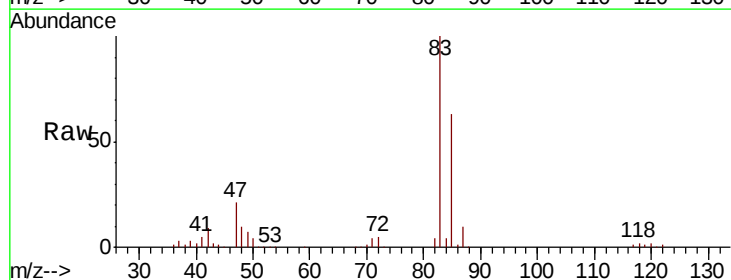
Acq: 29 Aug 2018 21:11

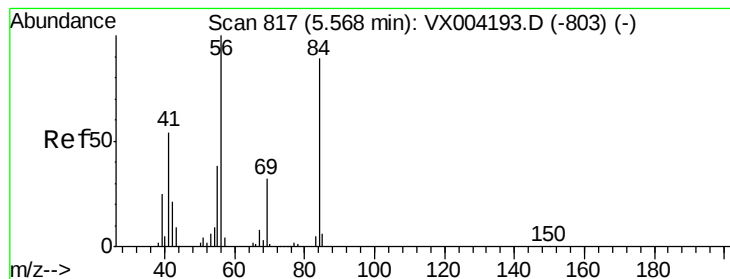
Tgt Ion: 83 Resp: 130673

Ion Ratio Lower Upper

83 100

85 63.5 52.6 79.0





#31

Cyclohexane

Concen: 18.95 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleID :

VX0829WBS02

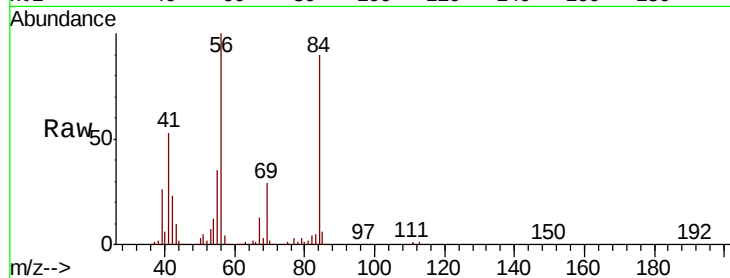
Tot Ion: 56 Resp: 103639

Ion Ratio Lower Upper

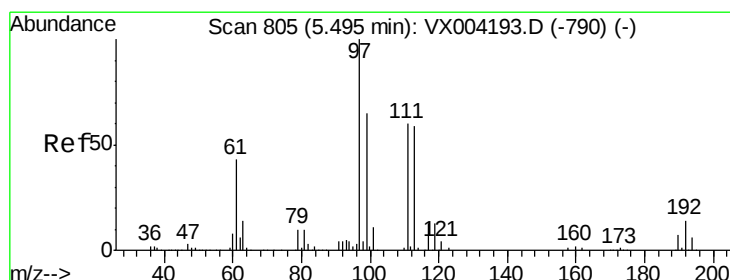
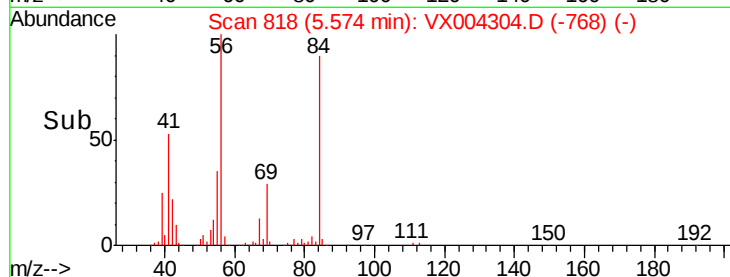
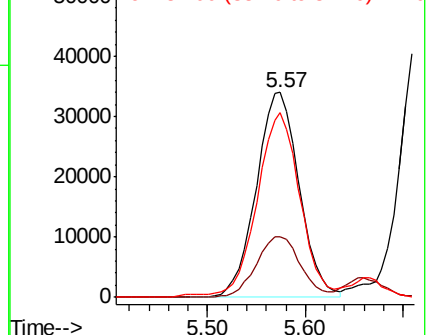
56 100

69 29.3 25.4 38.2

84 88.8 71.4 107.2



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: 20.16 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

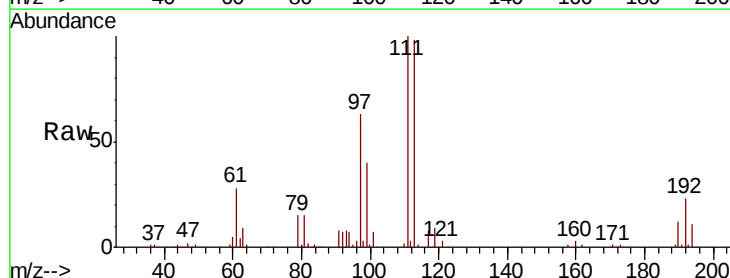
Tgt Ion: 97 Resp: 106810

Ion Ratio Lower Upper

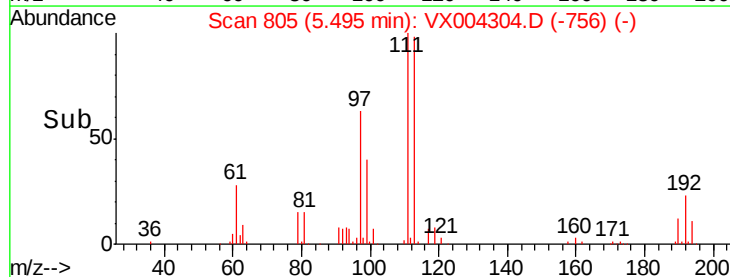
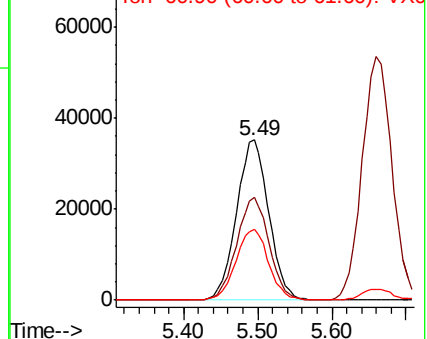
97 100

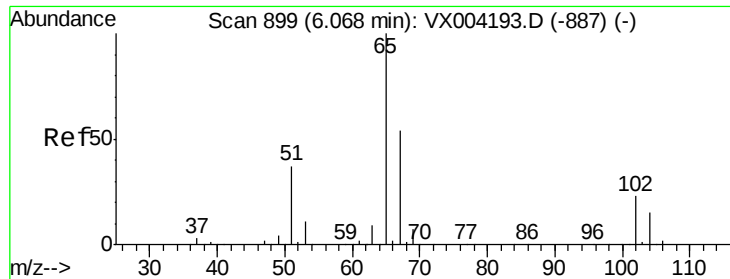
99 64.6 52.0 78.0

61 45.0 34.9 52.3



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

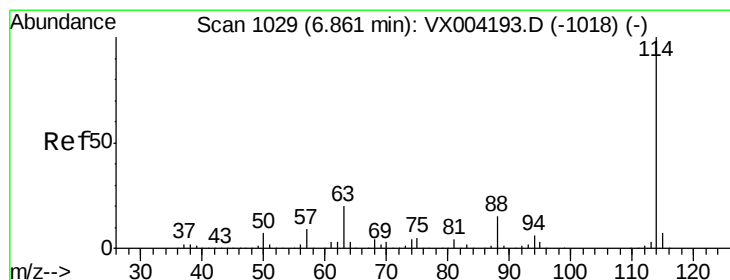
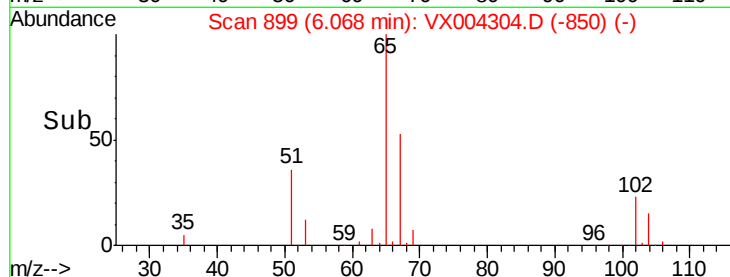
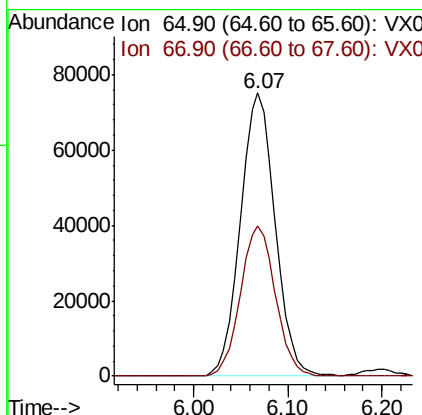
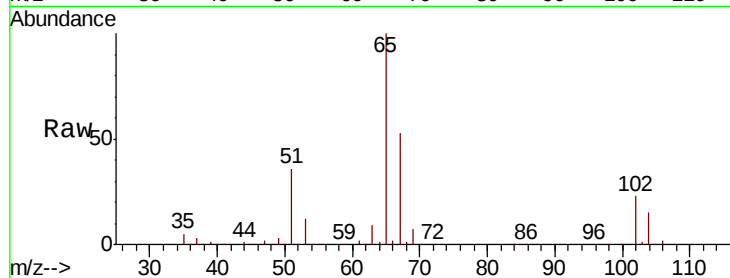




#33
 1,2-Dichloroethane-d4
 Concen: 49.73 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

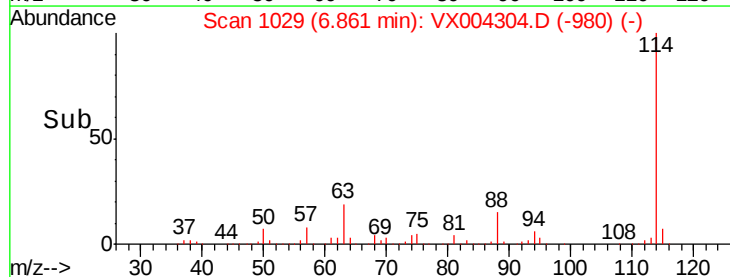
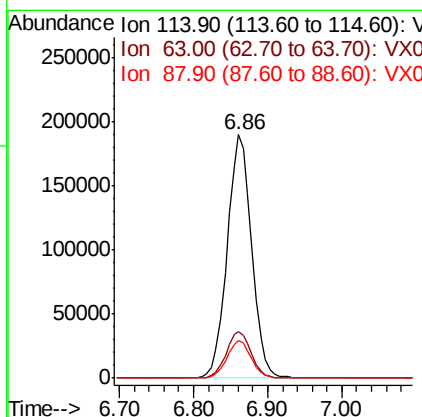
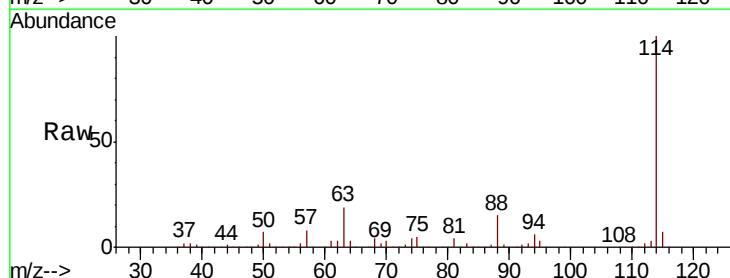
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

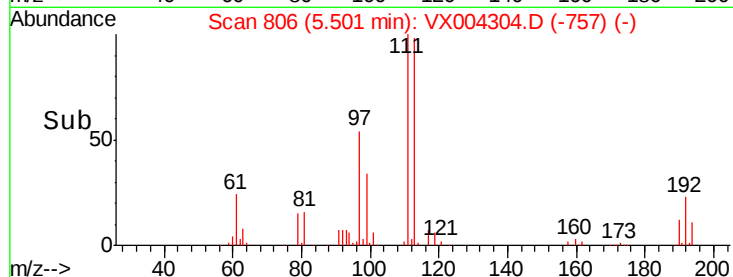
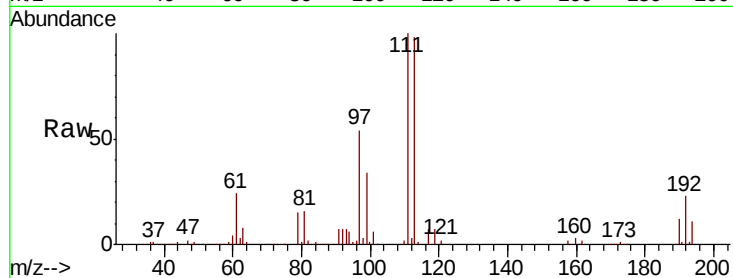
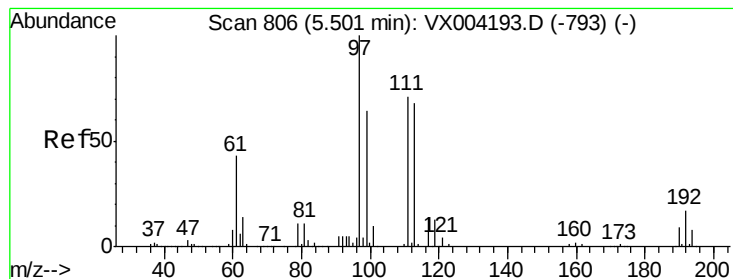
Tot Ion: 65 Resp: 193967
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Tgt Ion: 114 Resp: 434610
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 51.69 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

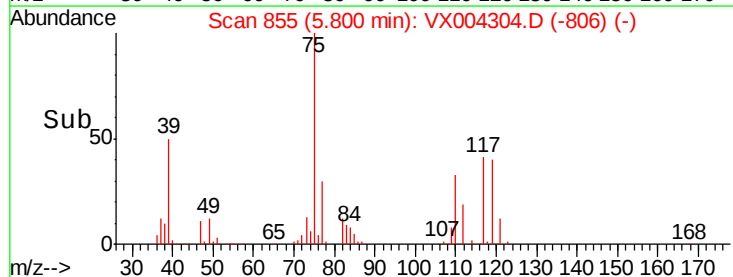
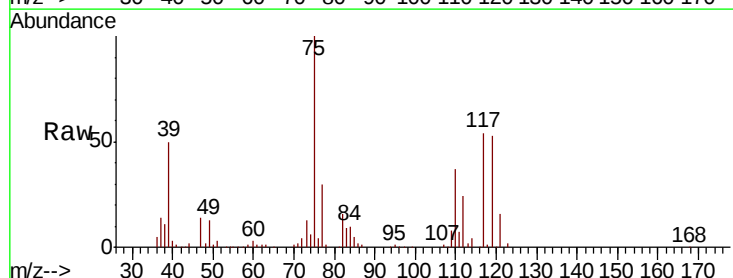
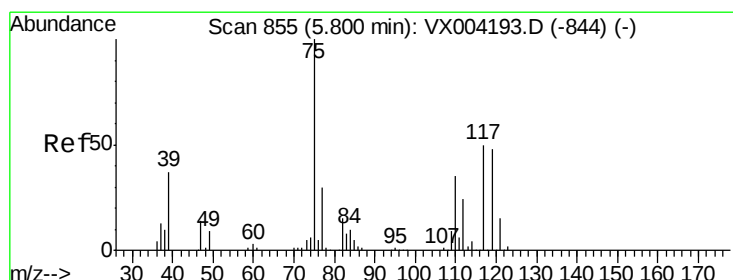
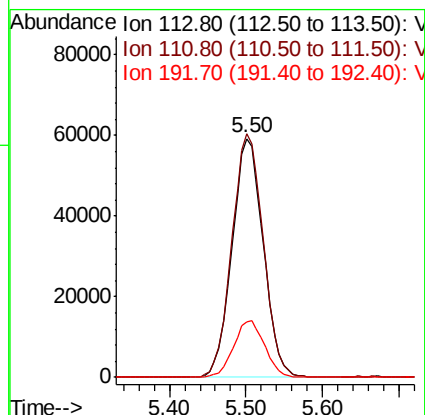
Tot Ion:113 Resp: 167114

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

192 23.7 19.4 29.2



#36

1,1-Dichloropropene

Concen: 19.10 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

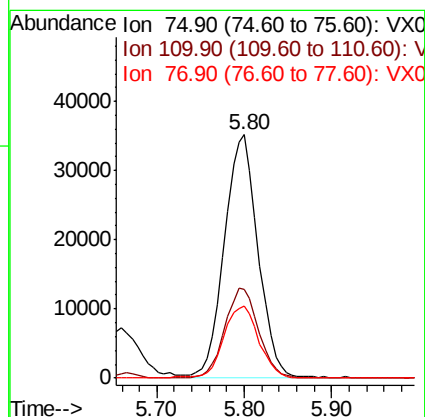
Tgt Ion: 75 Resp: 93337

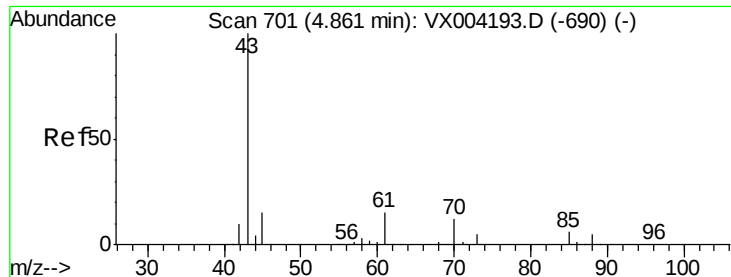
Ion Ratio Lower Upper

75 100

110 37.2 18.0 54.0

77 31.4 24.6 36.8





#37

Ethyl Acetate

Concen: 20.59 ug/l

RT: 4.86 min Scan# 701

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

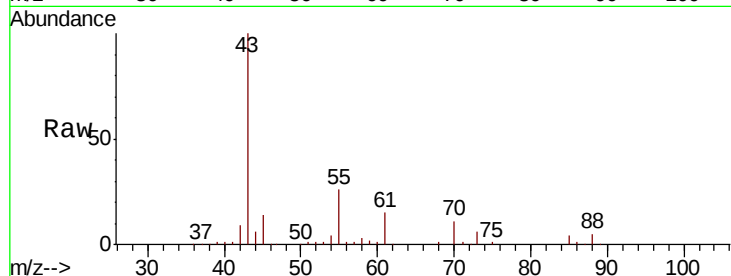
Tot Ion: 43 Resp: 98932

Ion Ratio Lower Upper

43 100

61 15.1 11.5 17.3

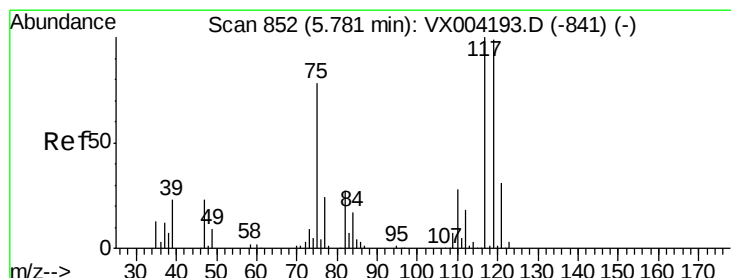
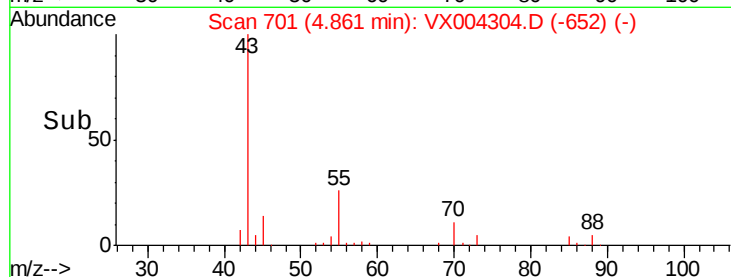
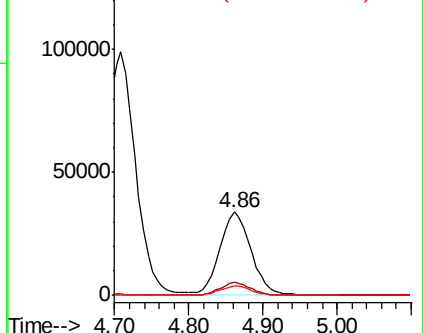
70 11.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 20.08 ug/l

RT: 5.78 min Scan# 852

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

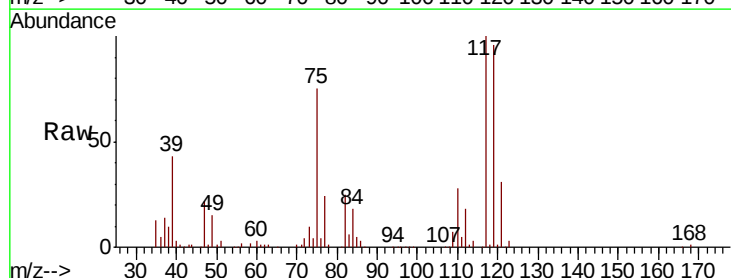
Tgt Ion: 117 Resp: 92312

Ion Ratio Lower Upper

117 100

119 96.1 78.8 118.2

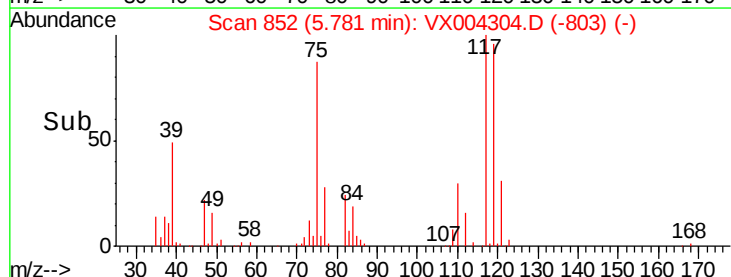
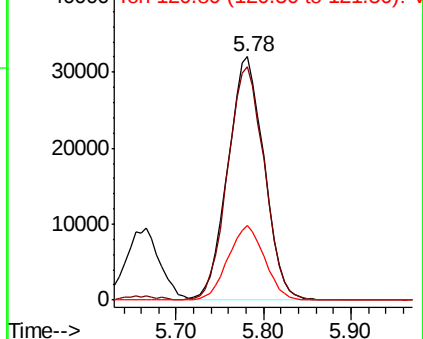
121 30.7 24.9 37.3

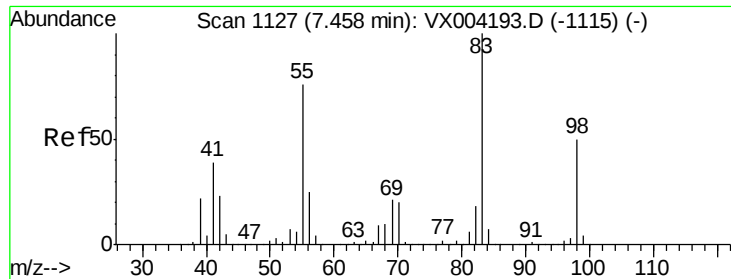


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

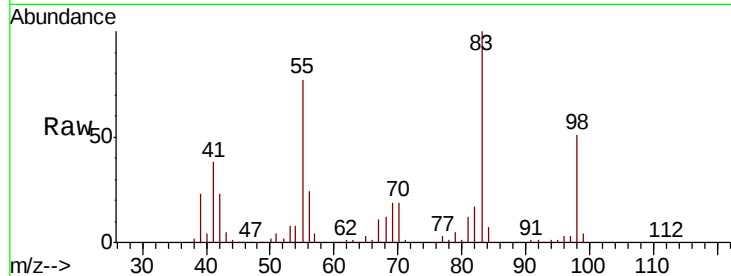




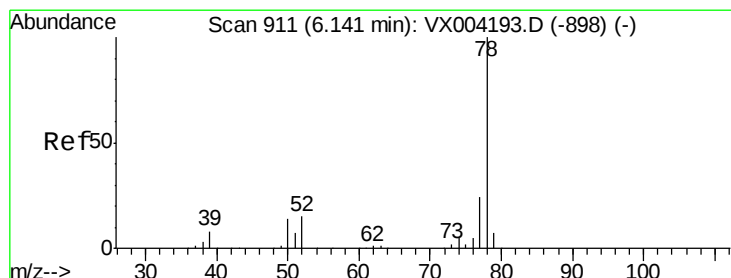
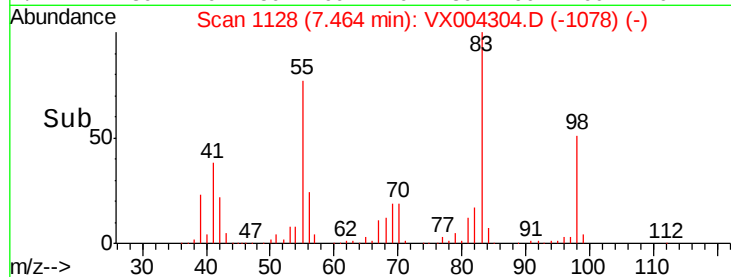
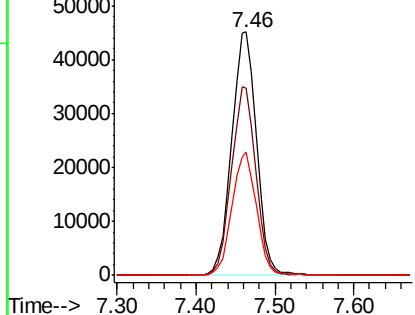
#39
Methvlcvclohexane
Concen: 17.74 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	61.0	91.4
98	50.6	39.6	59.4

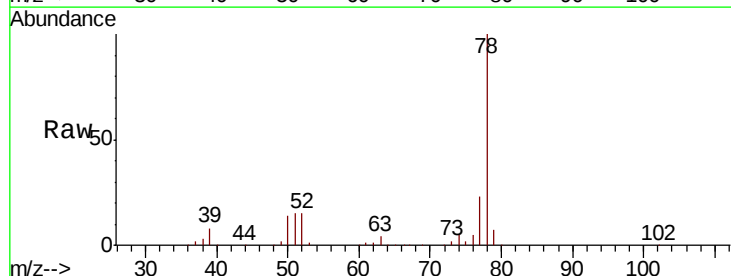


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

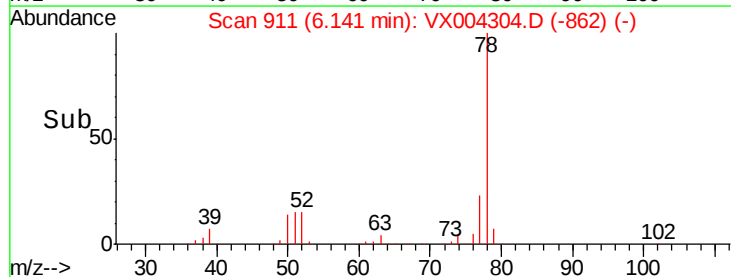
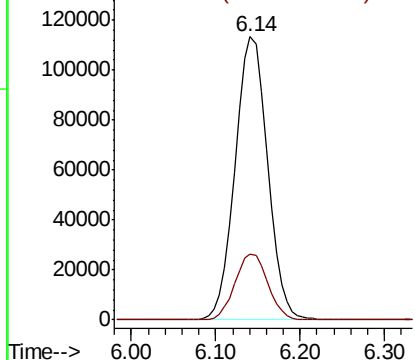


#40
Benzene
Concen: 20.25 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

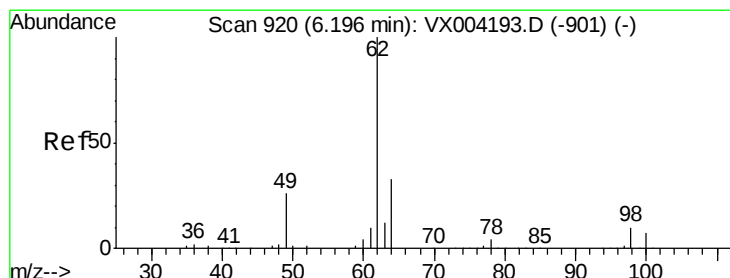
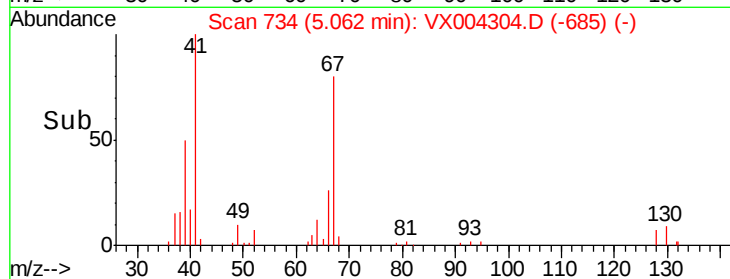
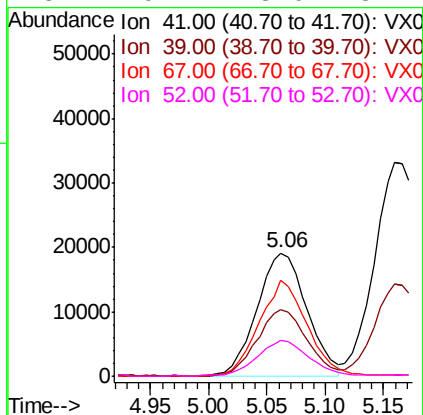
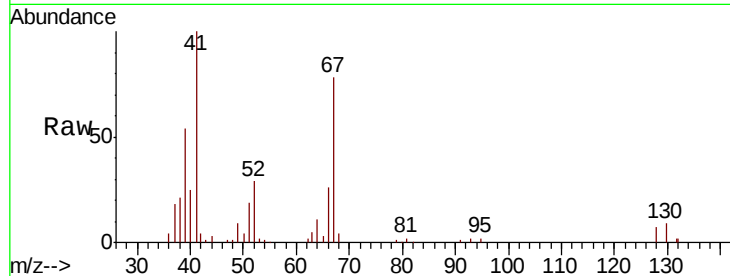




#41
Methacrylonitrile
Concen: 20.25 ug/l
RT: 5.06 min Scan# 734
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

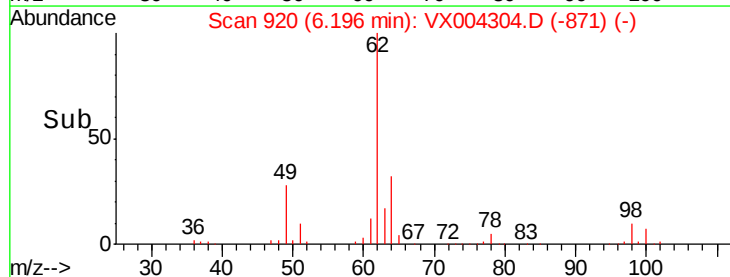
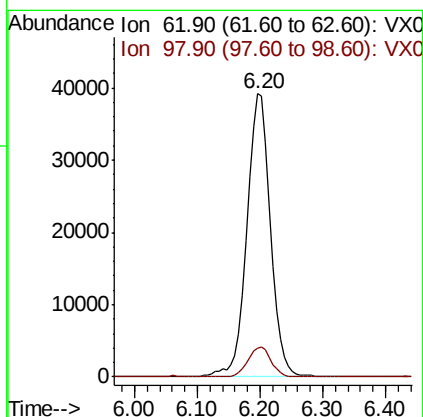
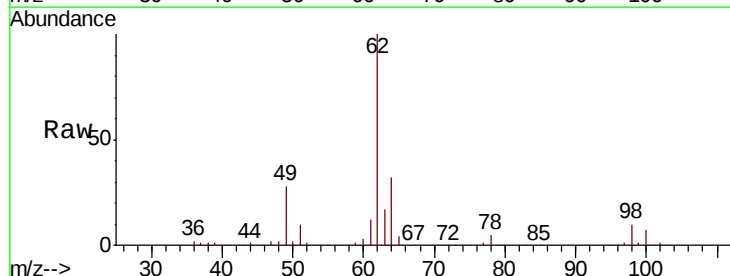
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

Tot Ion:	41	Resp:	56405
Ion	Ratio	Lower	Upper
41	100		
39	55.1	42.4	63.6
67	75.7	59.2	88.8
52	29.7	23.0	34.4



#42
1,2-Dichloroethane
Concen: 20.47 ug/l
RT: 6.20 min Scan# 920
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion:	62	Resp:	101940
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.04 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

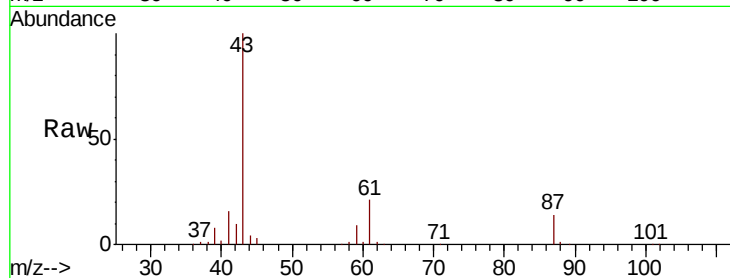
Tot Ion: 43 Resp: 147953

Ion Ratio Lower Upper

43 100

61 21.0 17.0 25.4

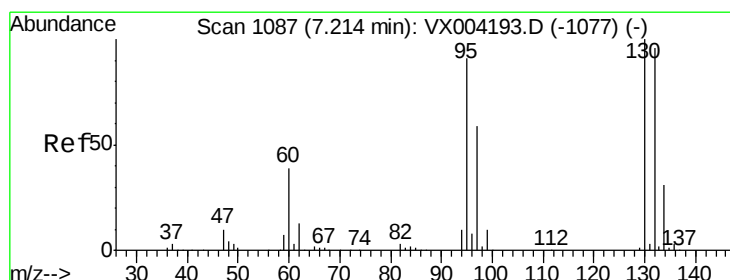
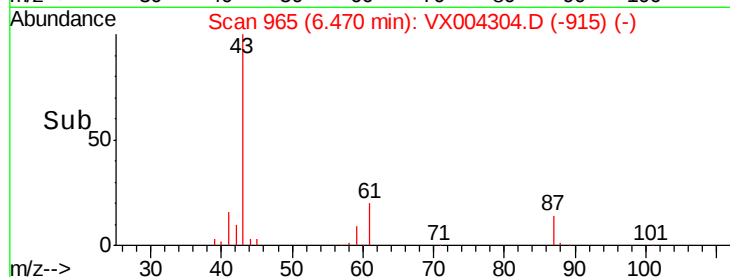
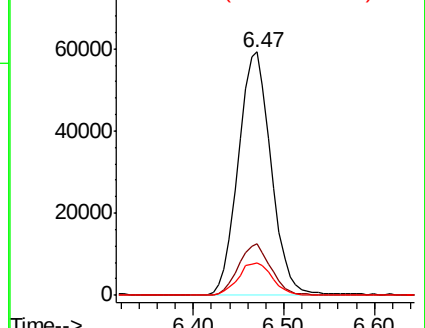
87 14.0 11.4 17.2



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: 19.36 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004304.D

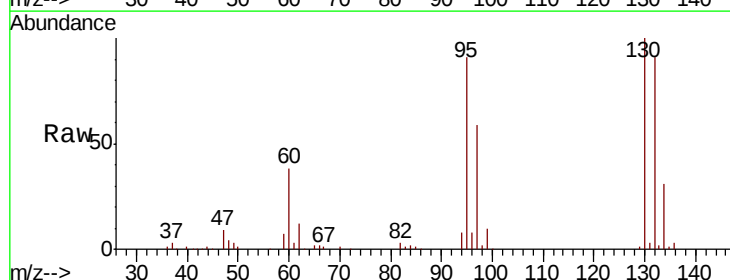
Acq: 29 Aug 2018 21:11

Tgt Ion:130 Resp: 78259

Ion Ratio Lower Upper

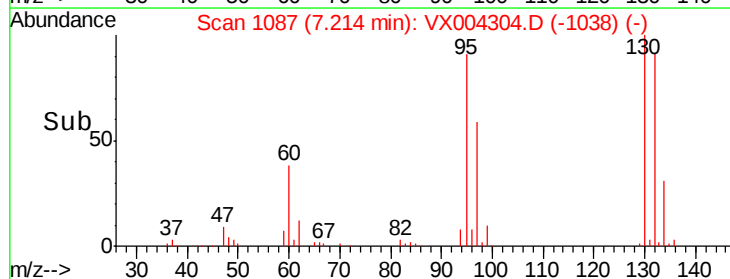
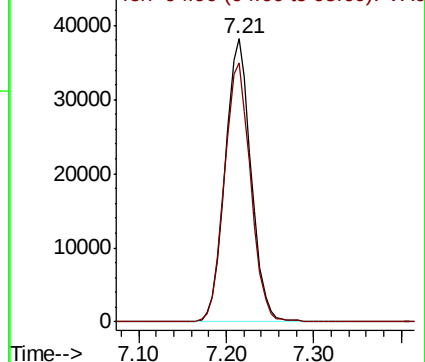
130 100

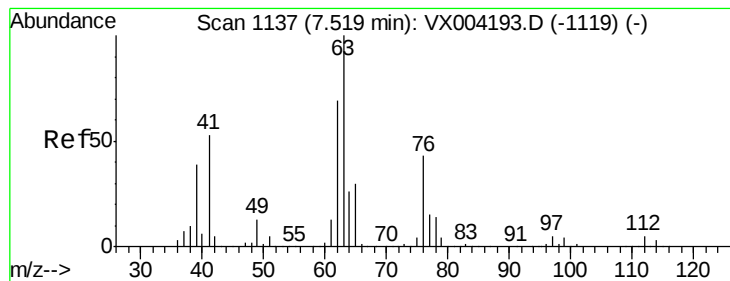
95 91.5 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.91 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

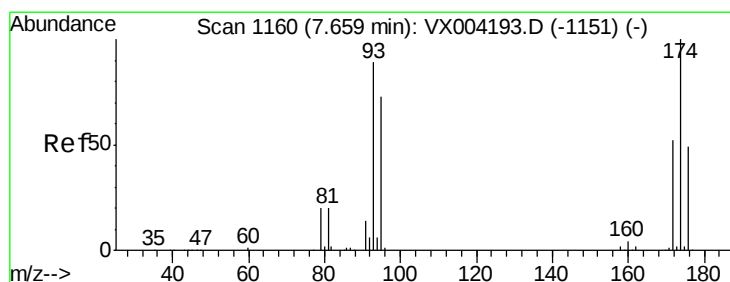
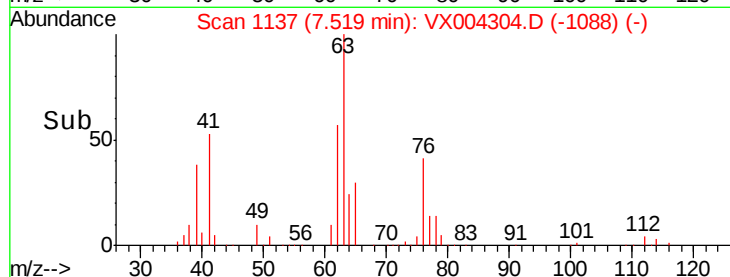
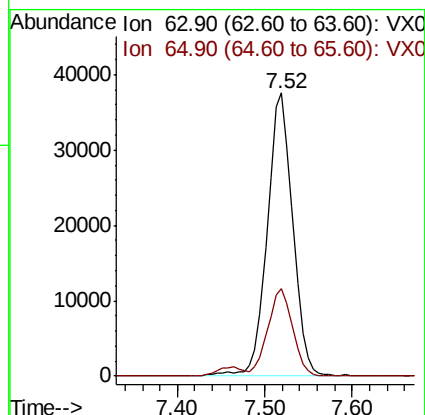
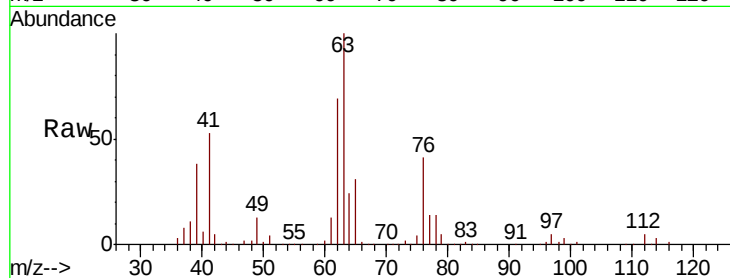
VX0829WBS02

Tot Ion: 63 Resp: 76397

Ion Ratio Lower Upper

63 100

65 30.9 24.3 36.5



#46

Dibromomethane

Concen: 20.20 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

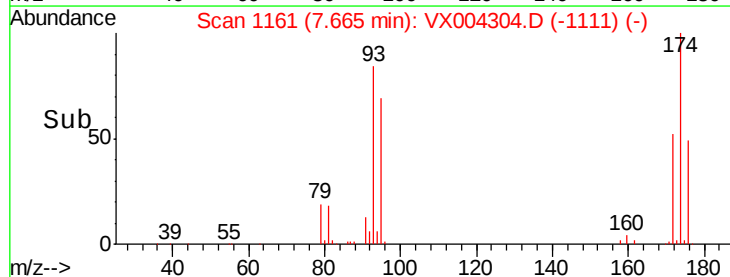
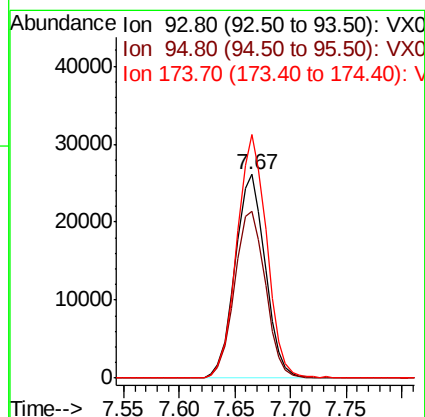
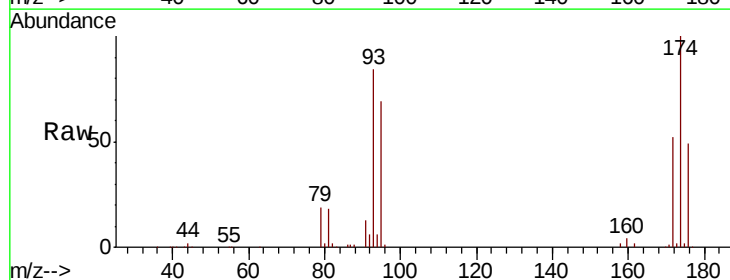
Tgt Ion: 93 Resp: 49141

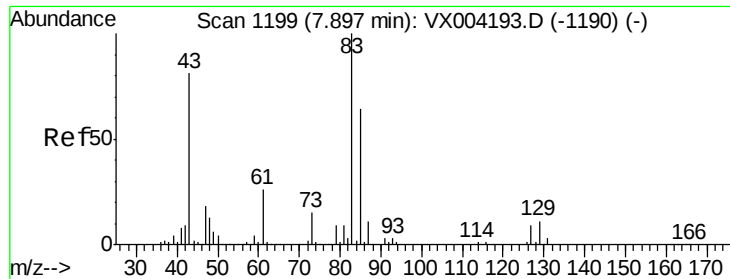
Ion Ratio Lower Upper

93 100

95 84.1 65.5 98.3

174 117.9 94.2 141.4





#47

Bromodichloromethane

Concen: 20.54 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

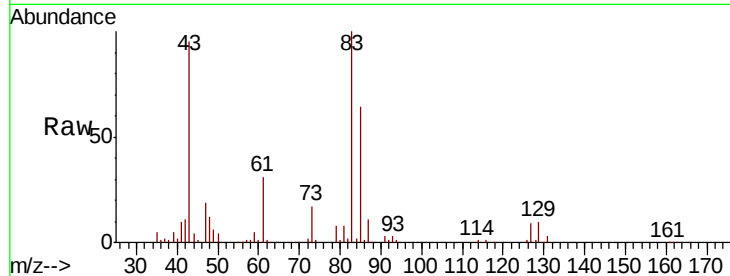
Tot Ion: 83 Resp: 92975

Ion Ratio Lower Upper

83 100

85 63.7 50.9 76.3

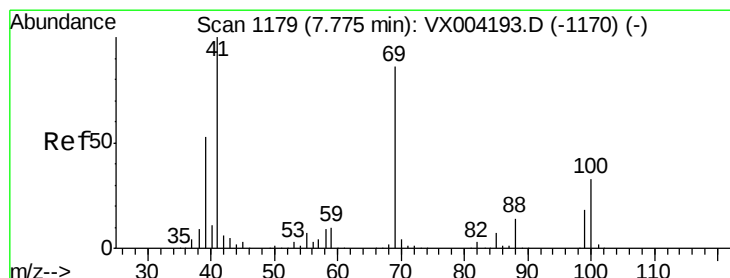
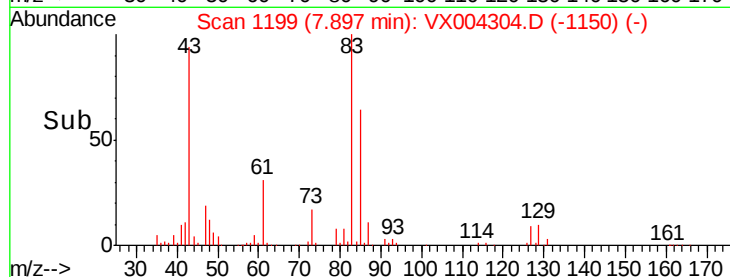
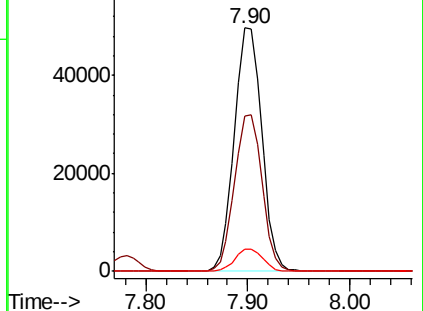
127 9.0 7.3 10.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.12 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

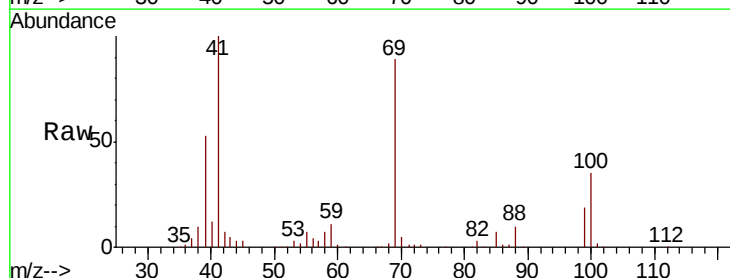
Tgt Ion: 41 Resp: 79493

Ion Ratio Lower Upper

41 100

69 88.7 70.2 105.4

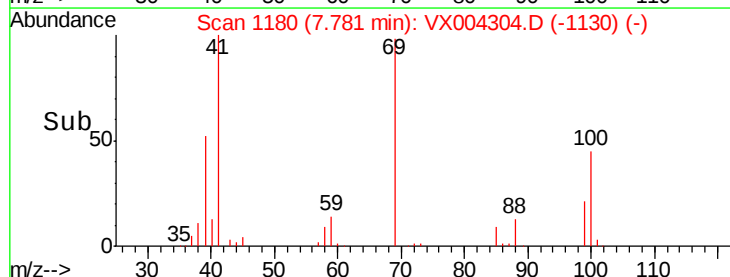
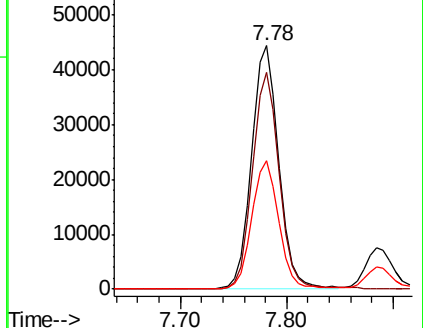
39 53.2 42.7 64.1

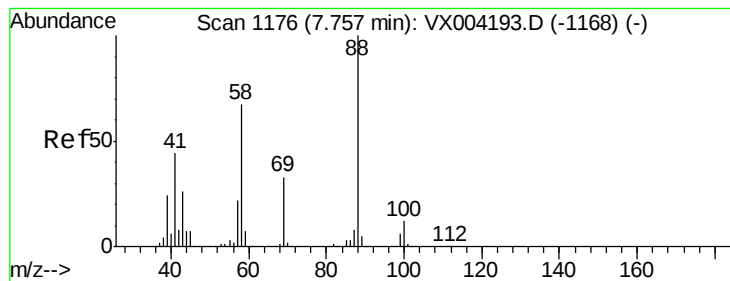


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 414.85 ug/l

RT: 7.76 min Scan# 1176

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

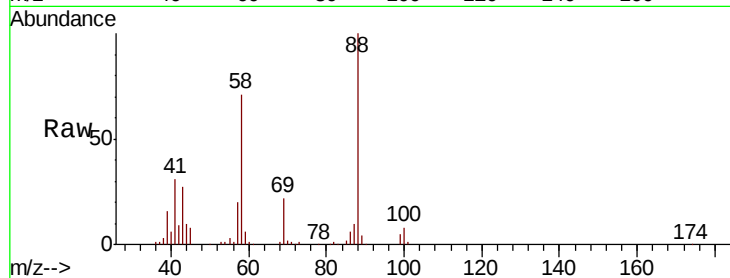
MSVOA_X

ClientSampleId :

VX0829WBS02

Tot Ion: 88 Resp: 37214

Ion	Ratio	Lower	Upper
88	100		
43	32.1	24.7	37.1
58	71.6	55.3	82.9

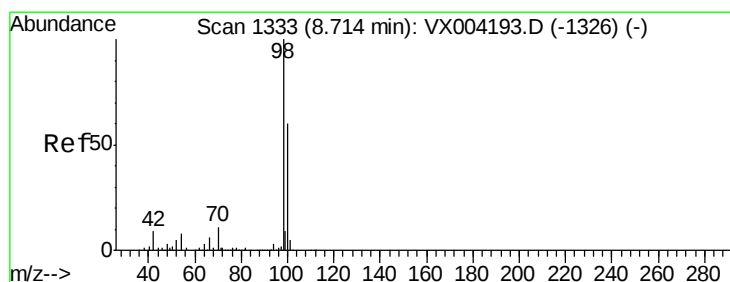
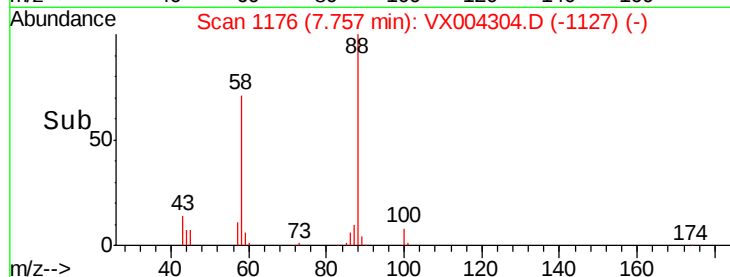
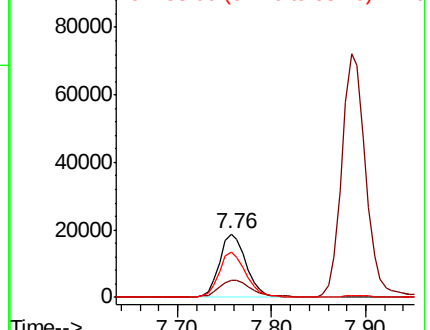


Abundance

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: 50.79 ug/l

RT: 8.71 min Scan# 1333

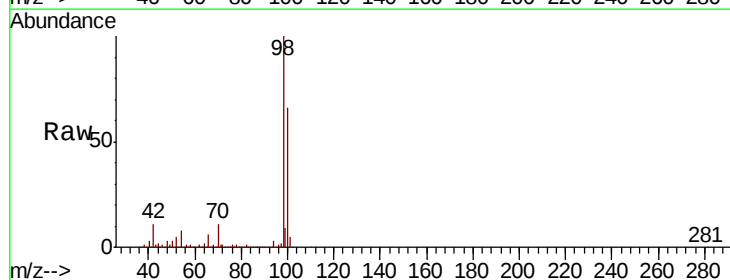
Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Tgt Ion: 98 Resp: 619792

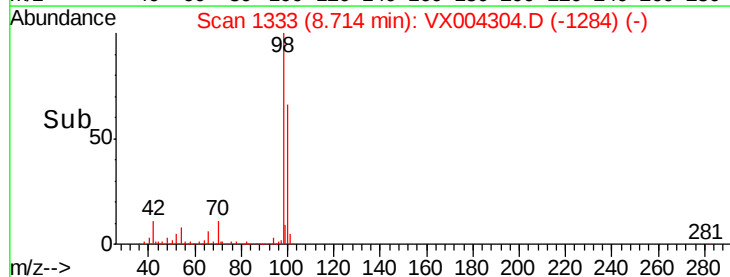
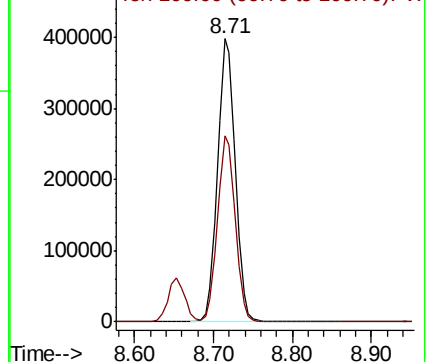
Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.9	79.3

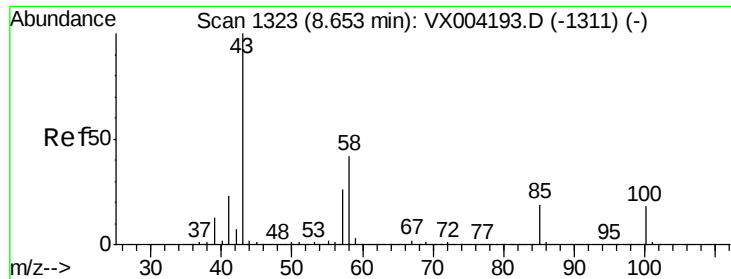


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 100.12 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

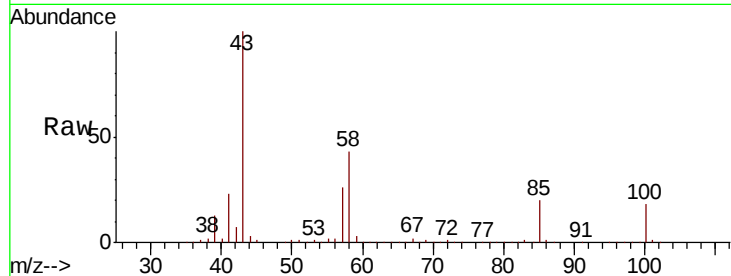
VX0829WBS02

Tot Ion: 43 Resp: 537158

Ion Ratio Lower Upper

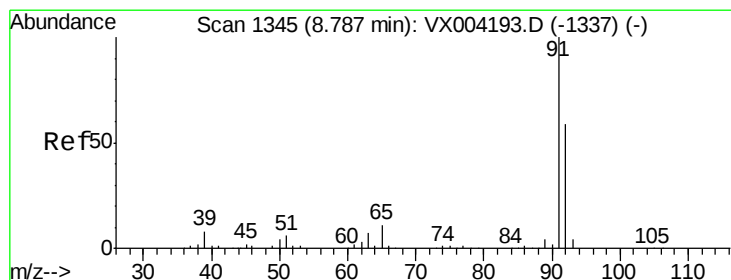
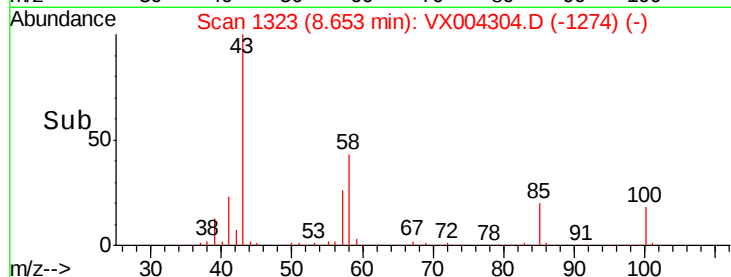
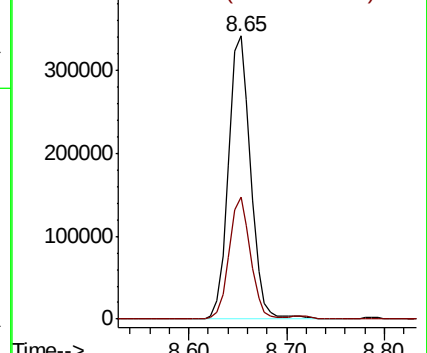
43 100

58 41.2 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 20.35 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX004304.D

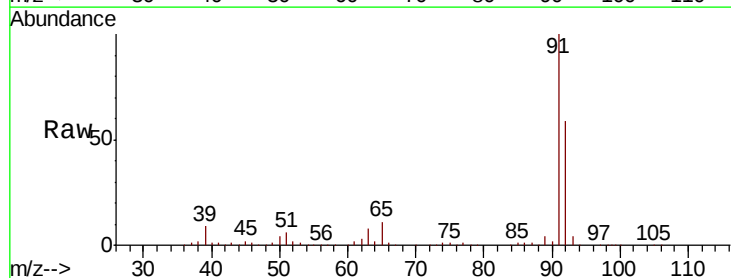
Acq: 29 Aug 2018 21:11

Tgt Ion: 92 Resp: 186003

Ion Ratio Lower Upper

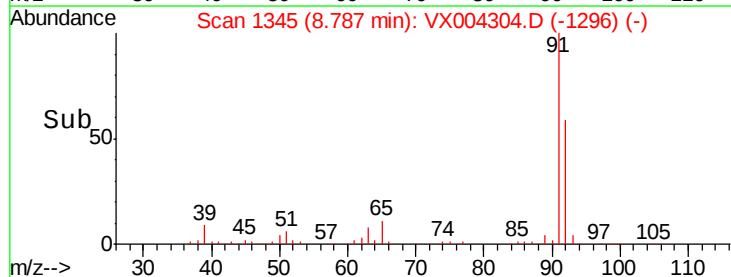
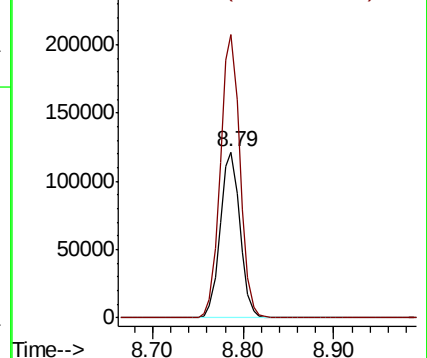
92 100

91 169.4 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.66 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

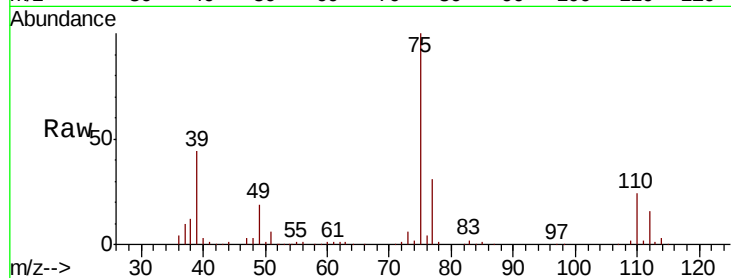
VX0829WBS02

Tot Ion: 75 Resp: 93328

Ion Ratio Lower Upper

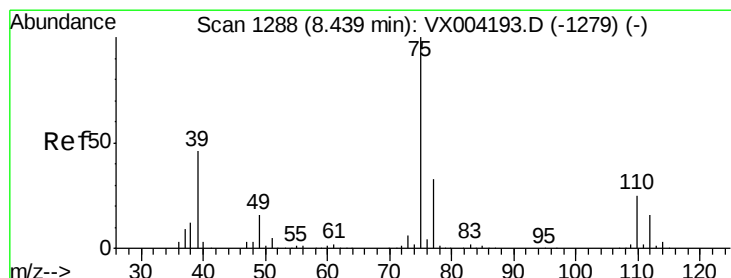
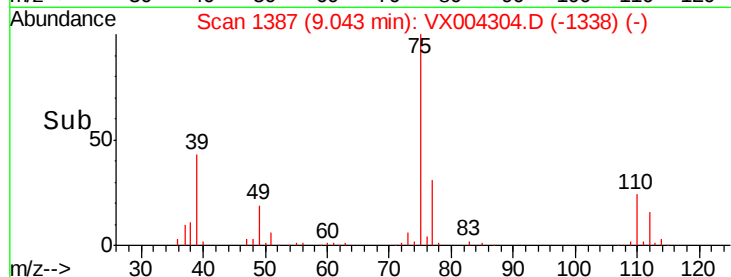
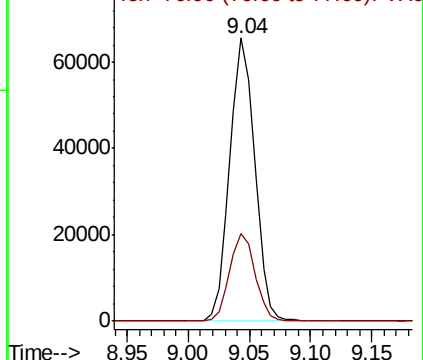
75 100

77 30.8 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.46 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

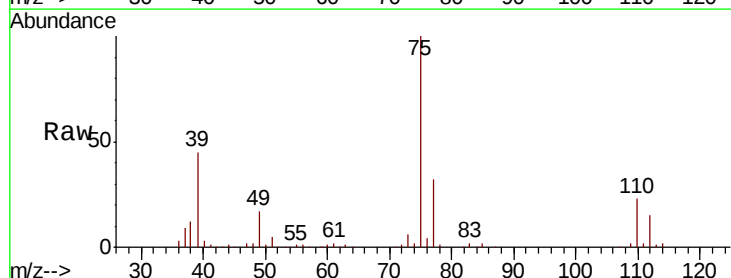
Tgt Ion: 75 Resp: 105985

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

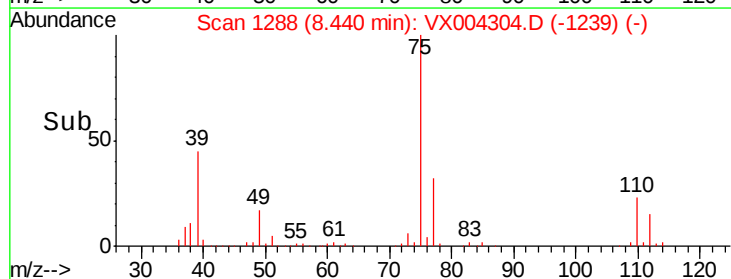
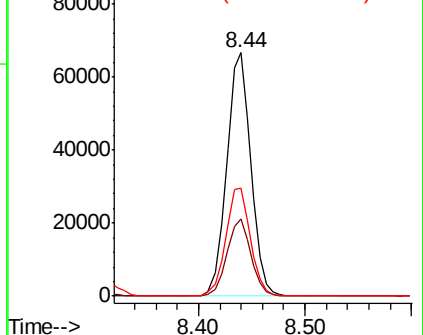
39 44.4 36.4 54.6

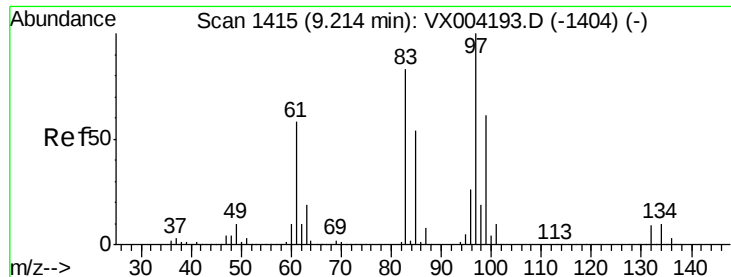


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.97 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.01 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

Tot Ion: 97 Resp: 77376

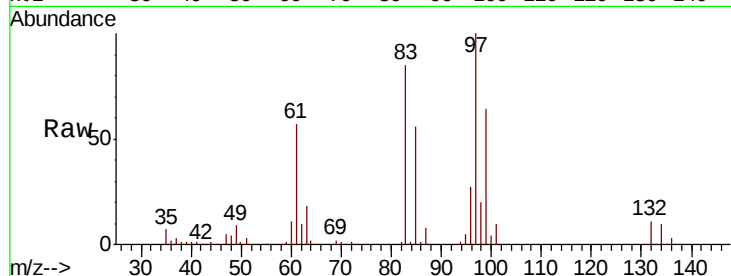
Ion Ratio Lower Upper

97 100

83 84.7 66.4 99.6

85 56.4 43.3 64.9

99 64.1 49.0 73.4

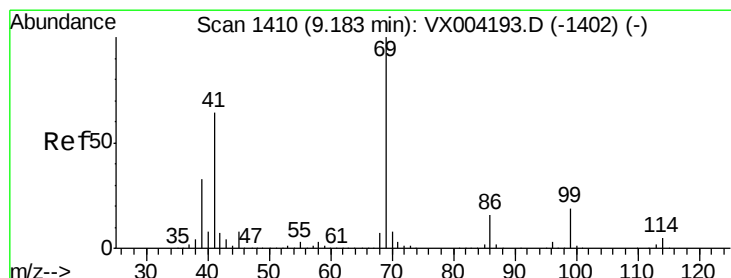
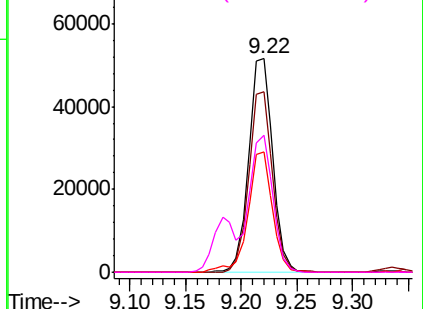
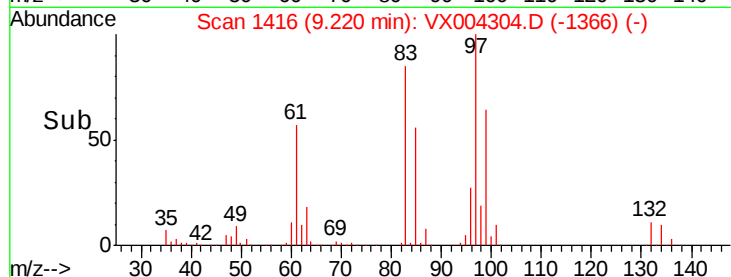


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.91 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

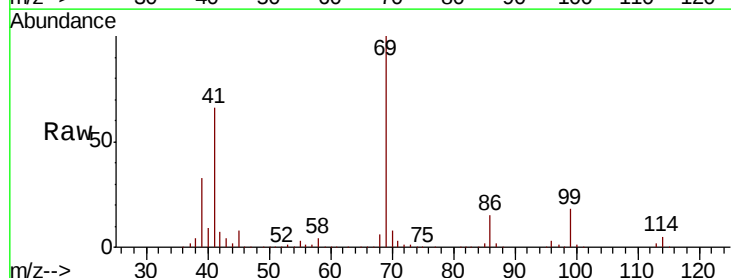
Tgt Ion: 69 Resp: 100003

Ion Ratio Lower Upper

69 100

41 63.3 51.0 76.4

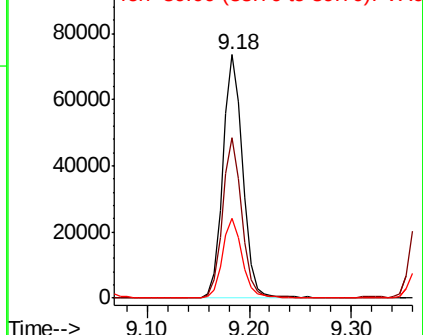
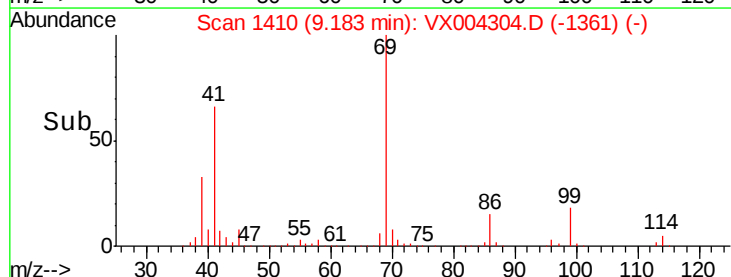
39 32.1 26.1 39.1

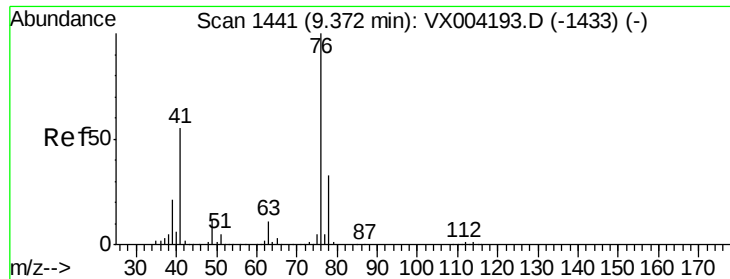


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.57 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

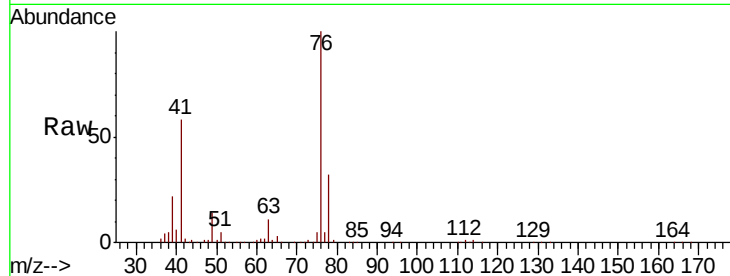
VX0829WBS02

Tot Ion: 76 Resp: 127902

Ion Ratio Lower Upper

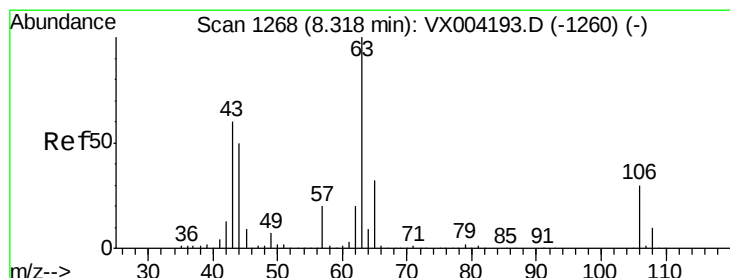
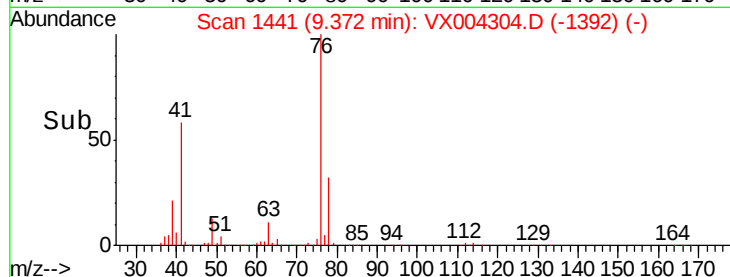
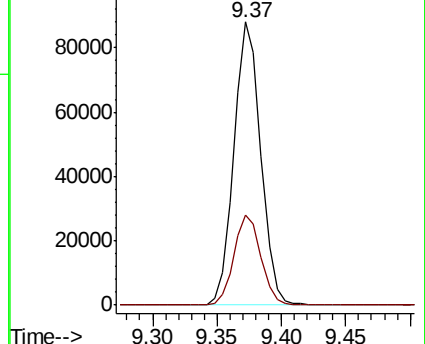
76 100

78 32.1 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.83 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX004304.D

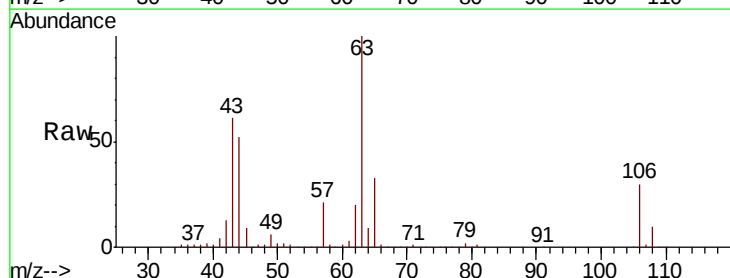
Acq: 29 Aug 2018 21:11

Tgt Ion: 63 Resp: 277474

Ion Ratio Lower Upper

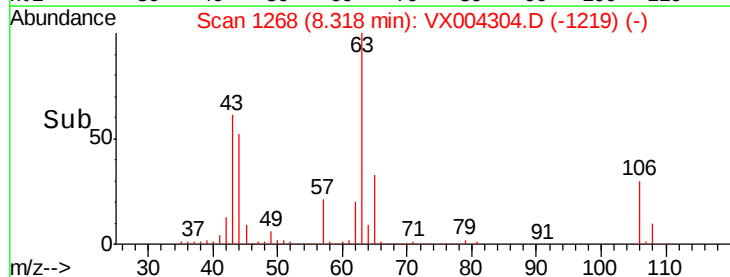
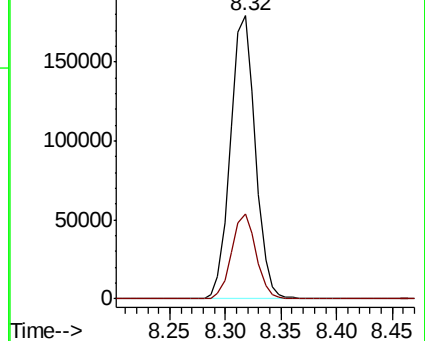
63 100

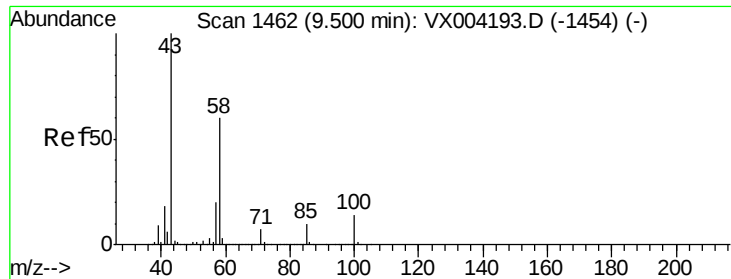
106 29.5 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

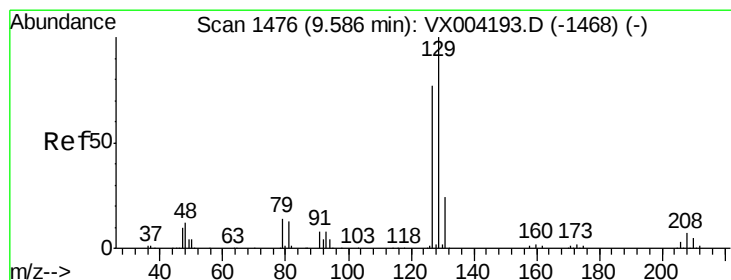
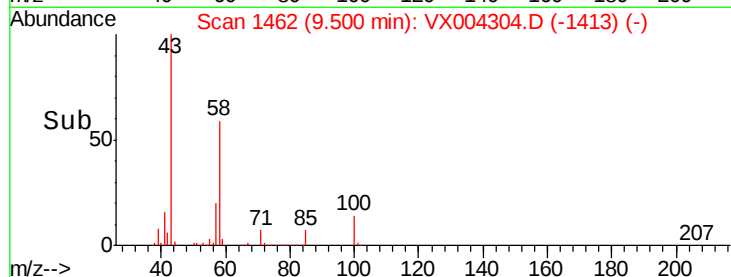
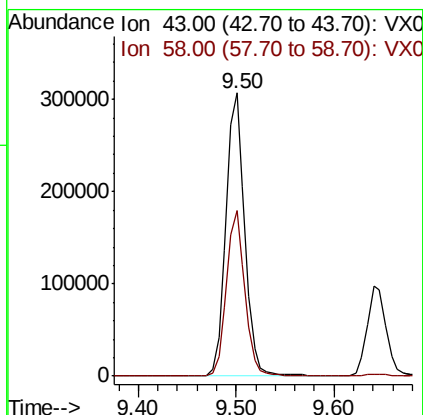
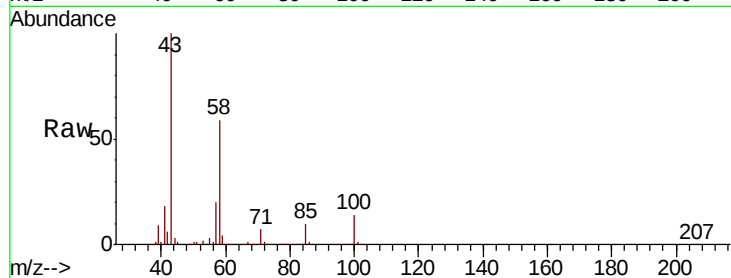




#59
2-Hexanone
Concen: 99.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

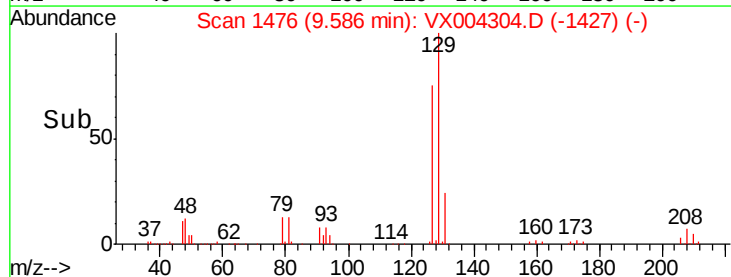
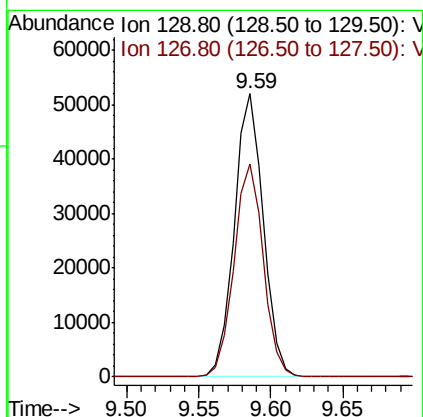
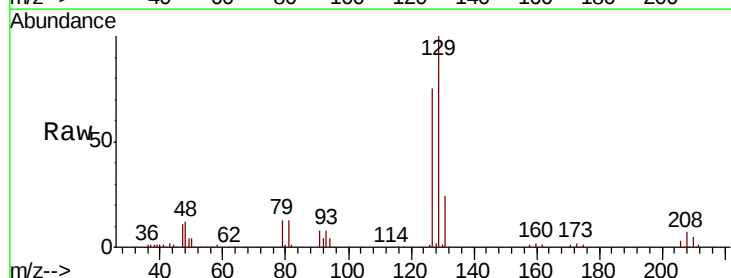
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

Tot Ion: 43 Resp: 408784
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.0



#60
Dibromochloromethane
Concen: 20.36 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion: 129 Resp: 73168
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.93 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

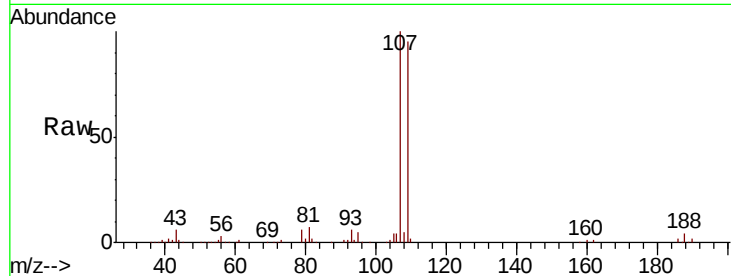
VX0829WBS02

Tot Ion:107 Resp: 76075

Ion Ratio Lower Upper

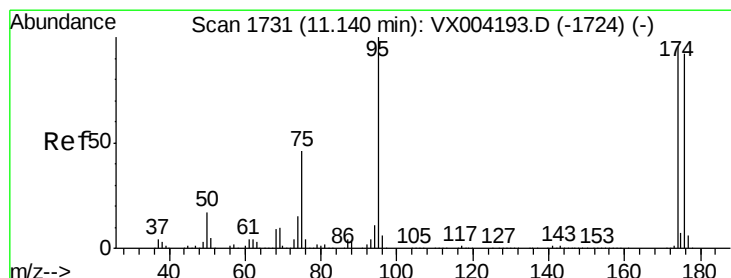
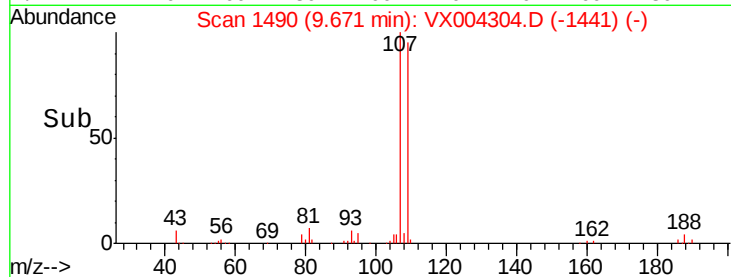
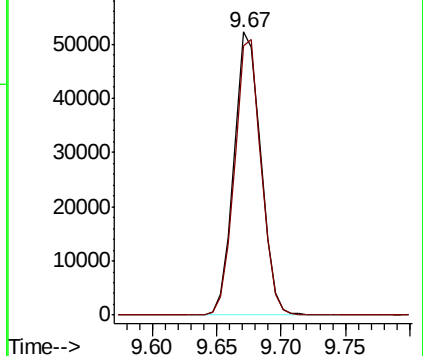
107 100

109 96.1 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.87 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

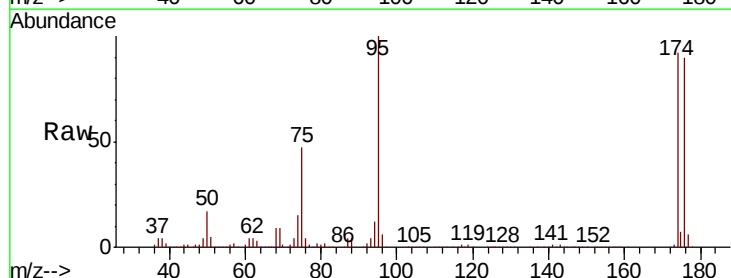
Tgt Ion: 95 Resp: 227100

Ion Ratio Lower Upper

95 100

174 91.0 0.0 185.2

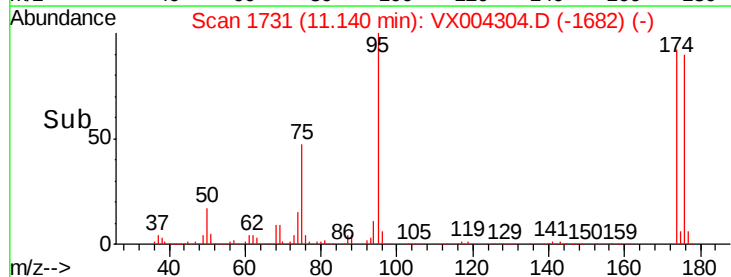
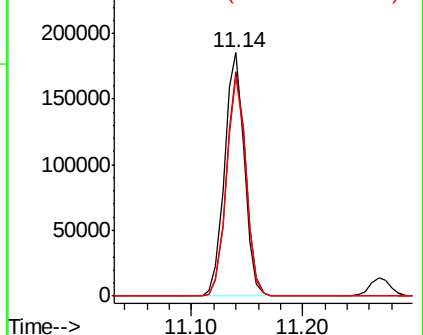
176 88.5 0.0 178.6

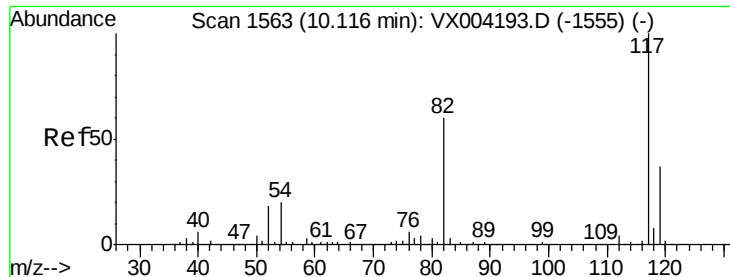


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

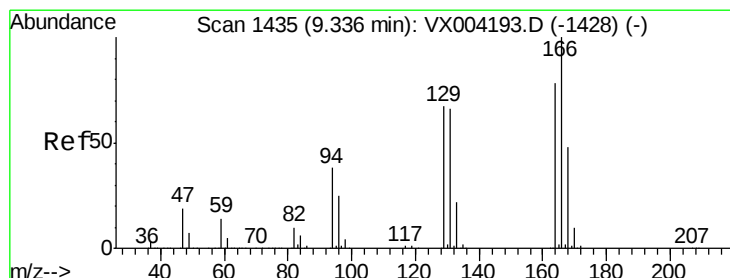
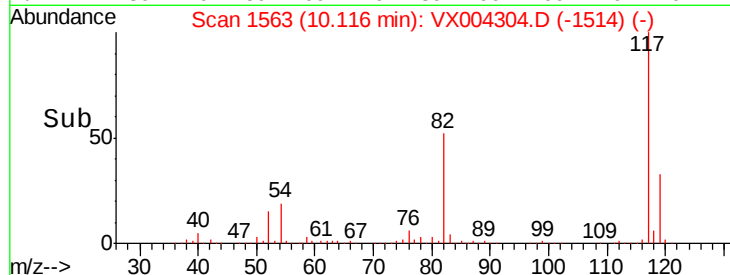
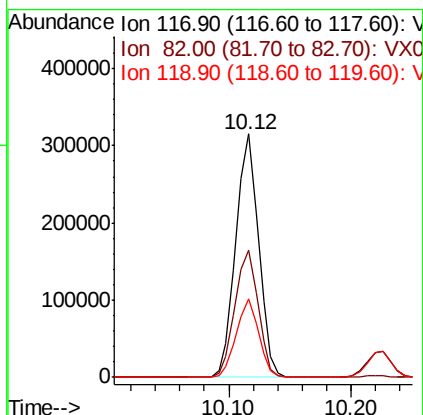
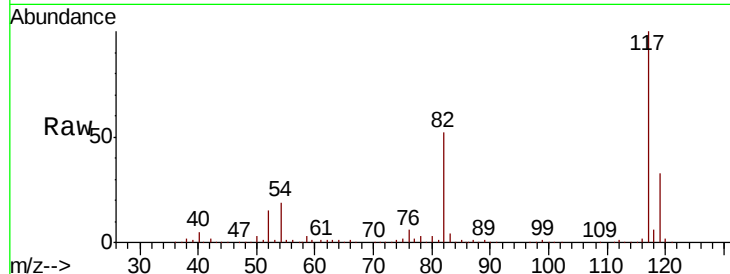




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

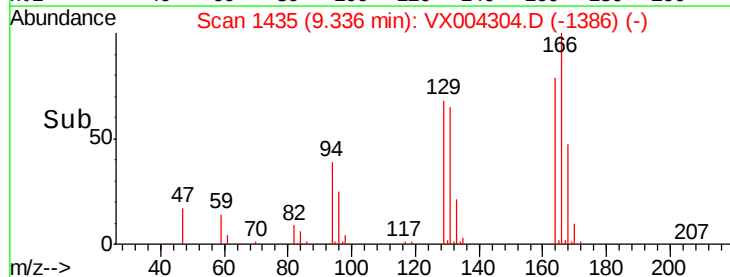
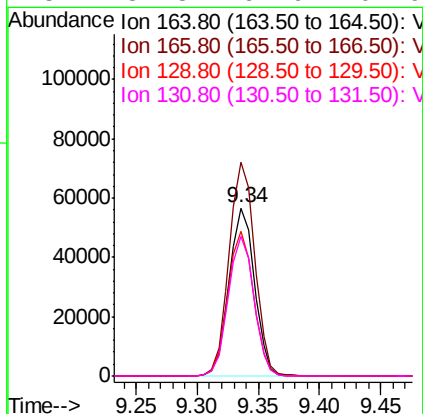
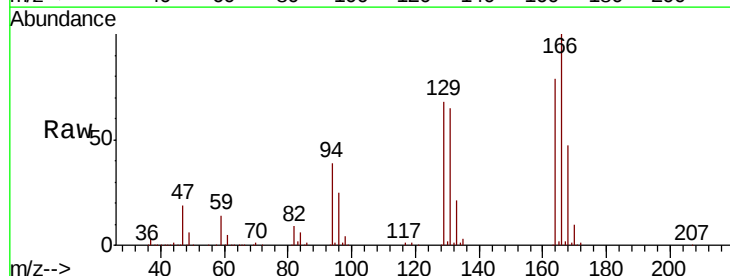
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

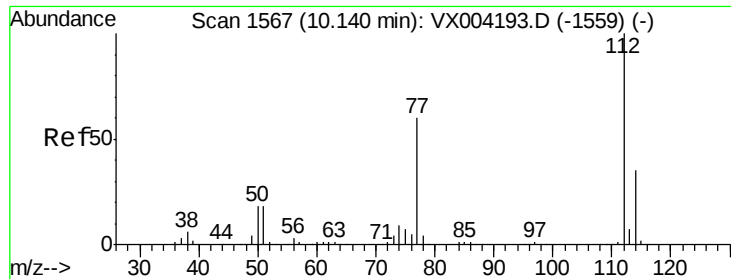
Tot Ion:117 Resp: 406316
Ion Ratio Lower Upper
117 100
82 52.2 47.8 71.6
119 32.5 29.3 43.9



#64
Tetrachloroethene
Concen: 20.31 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion:164 Resp: 81512
Ion Ratio Lower Upper
164 100
166 127.2 102.8 154.2
129 86.0 69.4 104.0
131 82.8 67.9 101.9

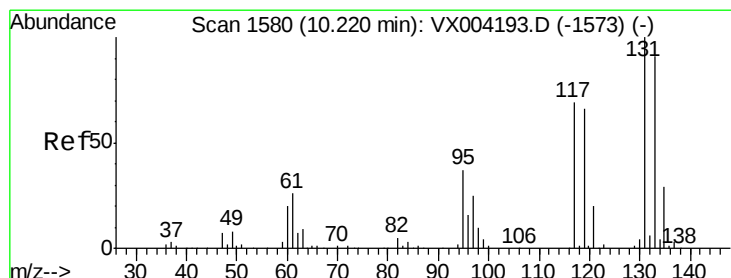
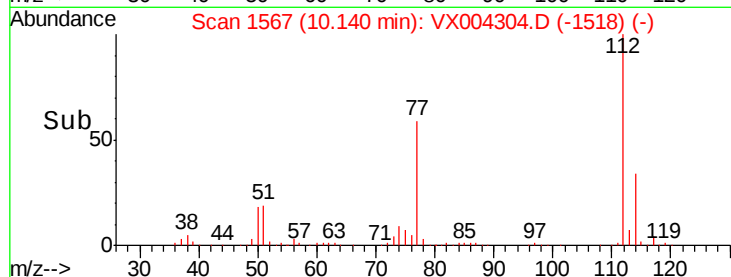
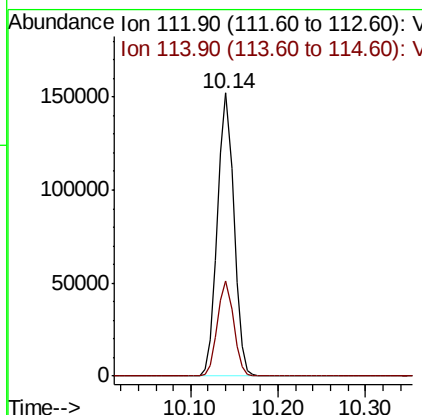
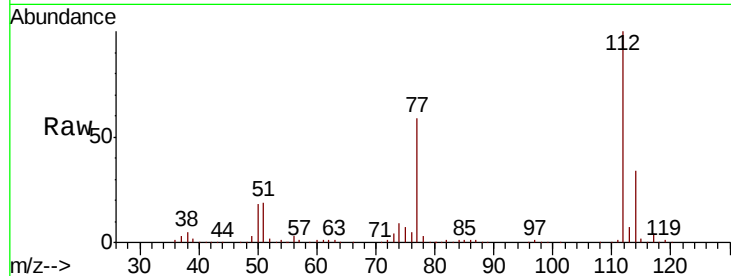




#65
Chlorobenzene
Concen: 19.43 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

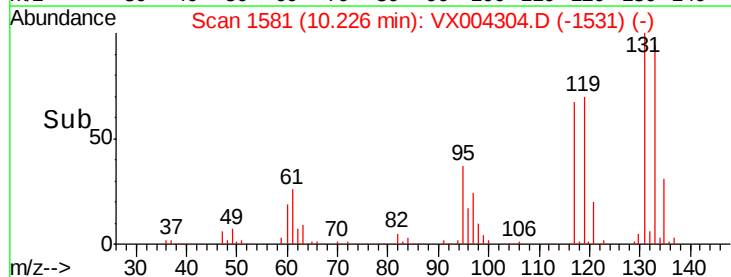
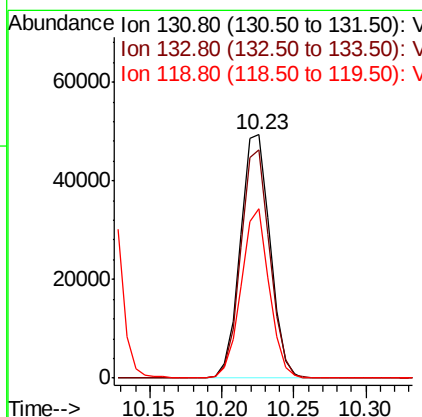
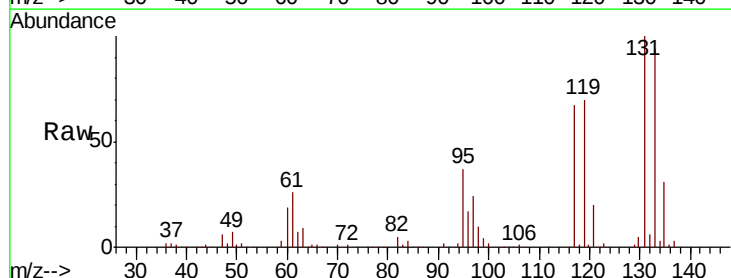
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

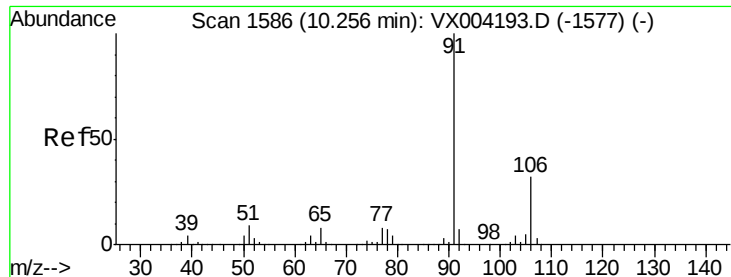
Tot Ion:112 Resp: 198143
Ion Ratio Lower Upper
112 100
114 33.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.06 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.01 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion:131 Resp: 70552
Ion Ratio Lower Upper
131 100
133 91.9 48.1 144.4
119 65.7 32.9 98.6

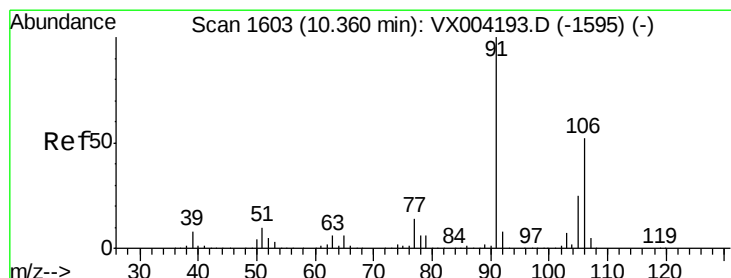
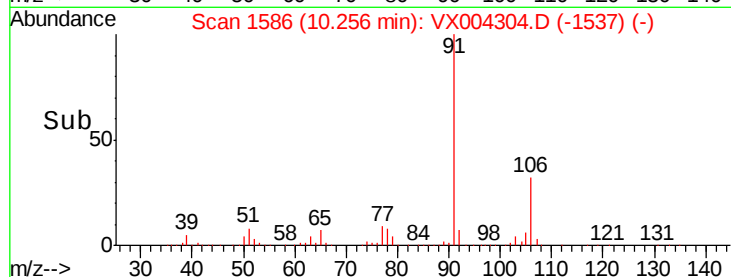
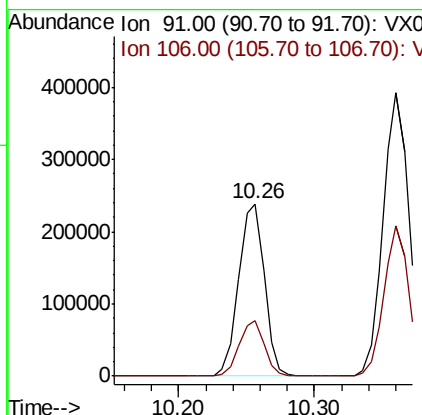
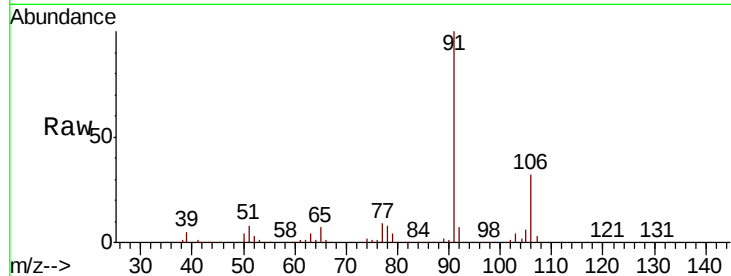




#67
Ethyl Benzene
Concen: 19.08 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

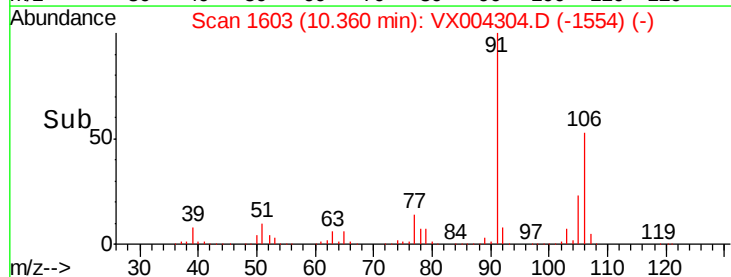
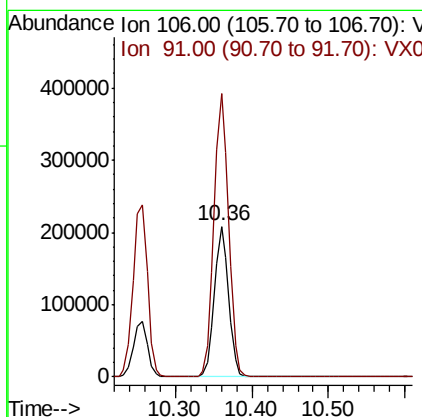
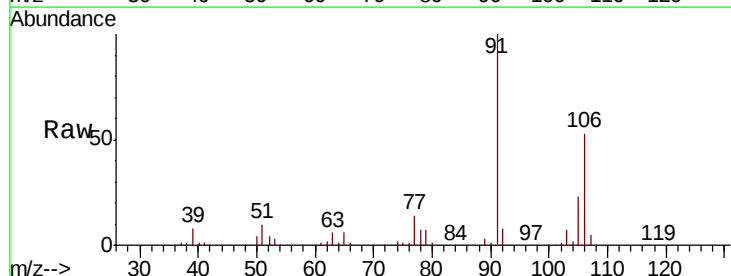
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS02

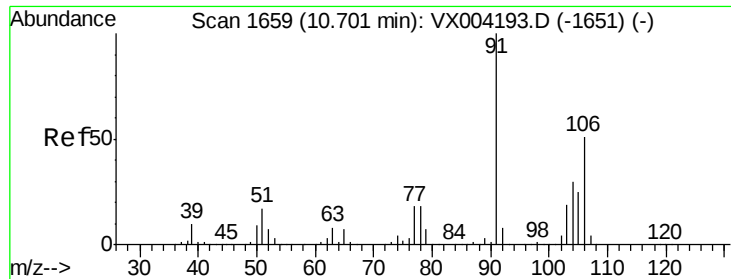
Tot Ion: 91 Resp: 315912
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 41.29 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion: 106 Resp: 267362
Ion Ratio Lower Upper
106 100
91 194.7 157.1 235.7

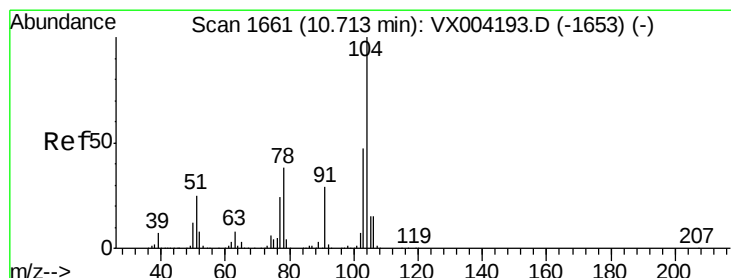
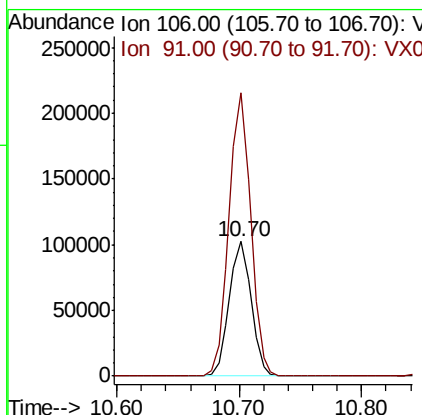
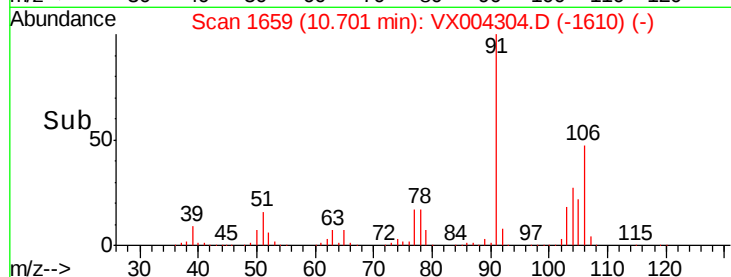
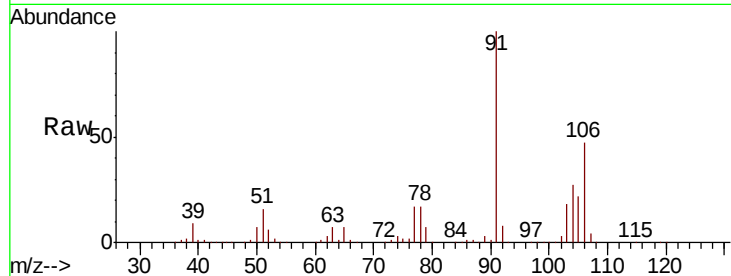




#69
o-Xylene
Concen: 20.77 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

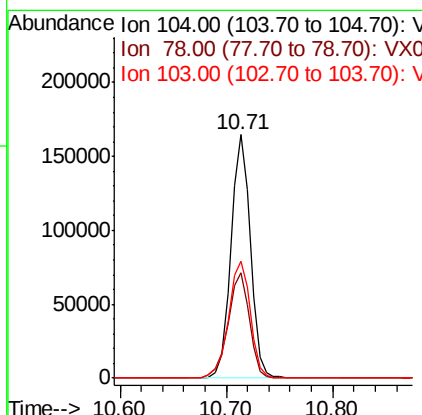
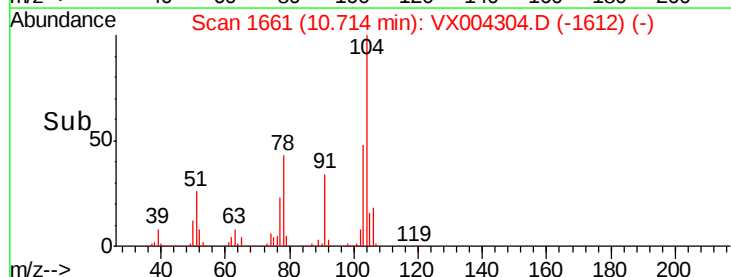
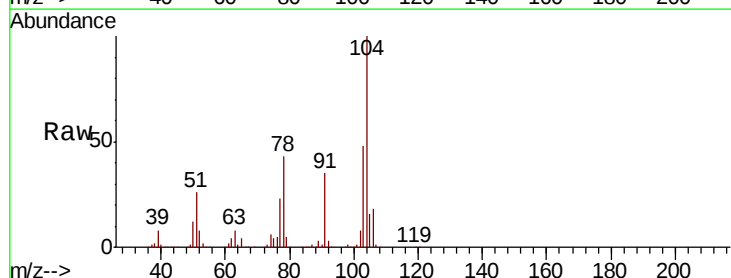
Instrument :
MSVOA_X
ClientSampled :
VX0829WBS02

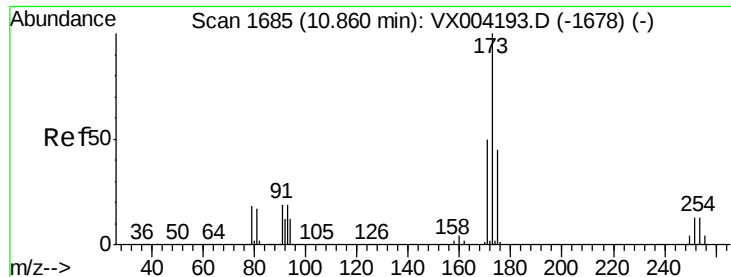
Tot Ion:106 Resp: 127249
Ion Ratio Lower Upper
106 100
91 209.1 105.1 315.1



#70
Styrene
Concen: 21.30 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion:104 Resp: 211269
Ion Ratio Lower Upper
104 100
78 47.4 37.4 56.0
103 53.8 43.8 65.6





#71

Bromoform

Concen: 19.37 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

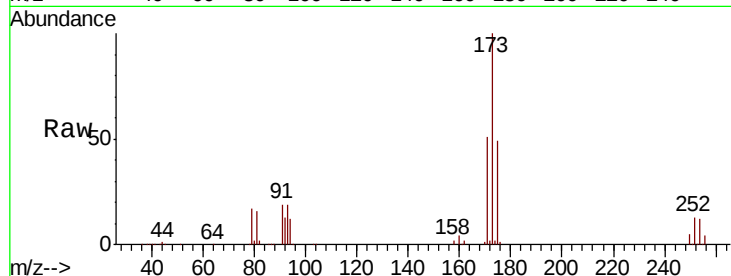
Tot Ion:173 Resp: 54915

Ion Ratio Lower Upper

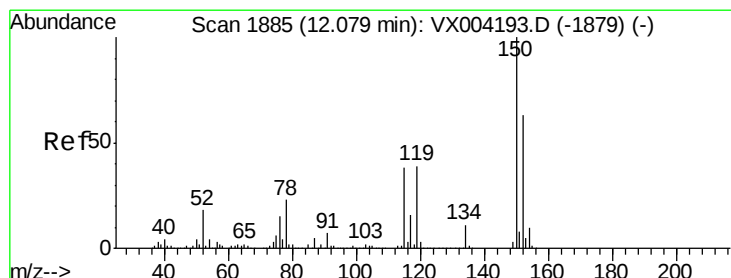
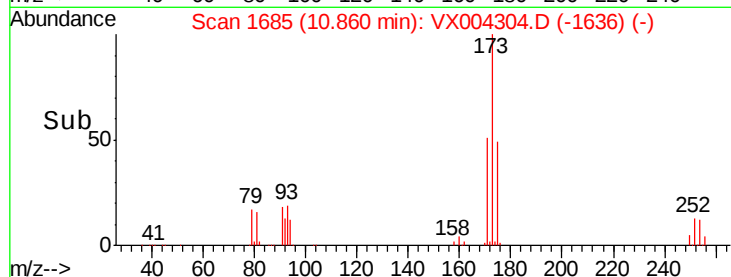
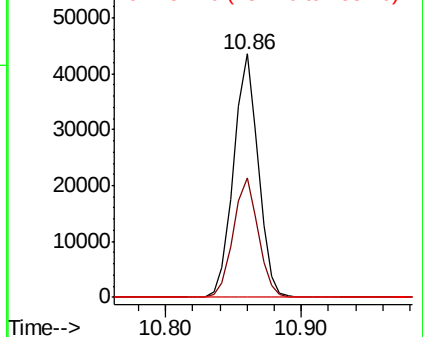
173 100

175 49.6 24.1 72.3

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: VX004304.D

Acq: 29 Aug 2018 21:11

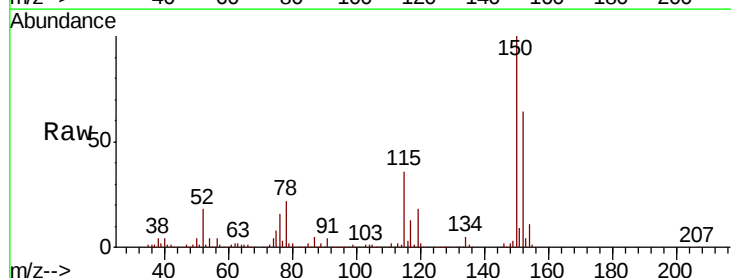
Tgt Ion:152 Resp: 239750

Ion Ratio Lower Upper

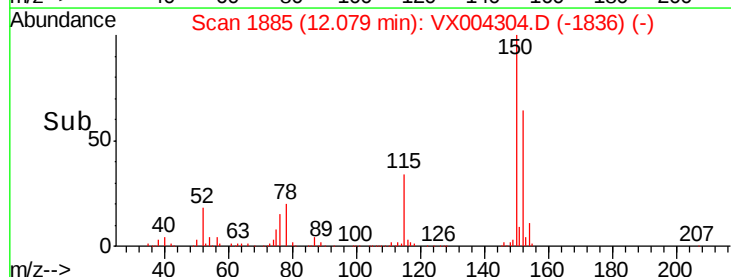
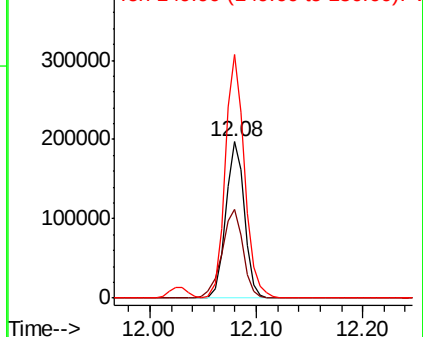
152 100

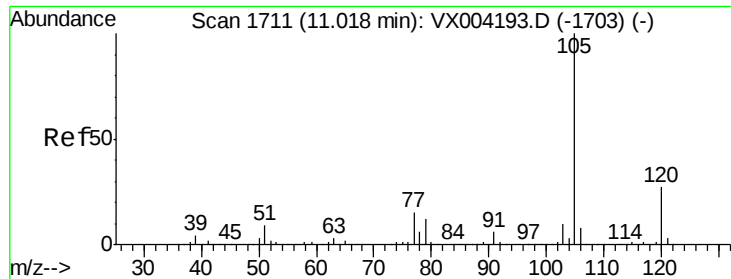
115 63.9 39.0 117.0

150 162.2 0.0 351.0



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

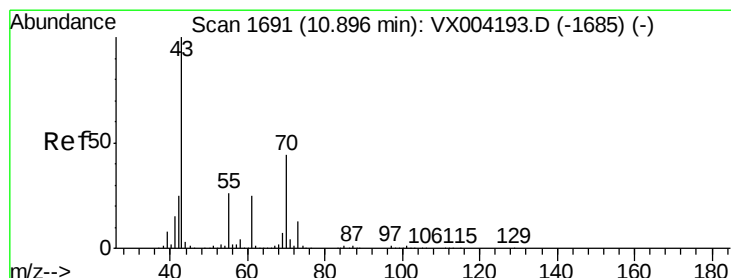
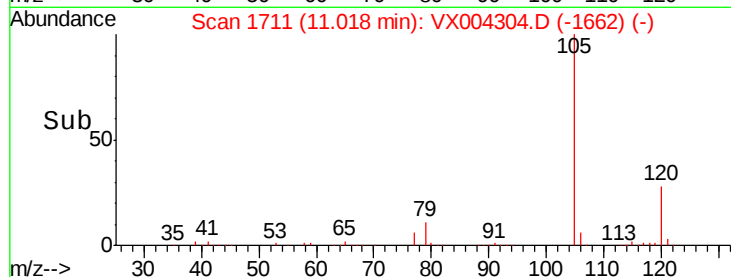
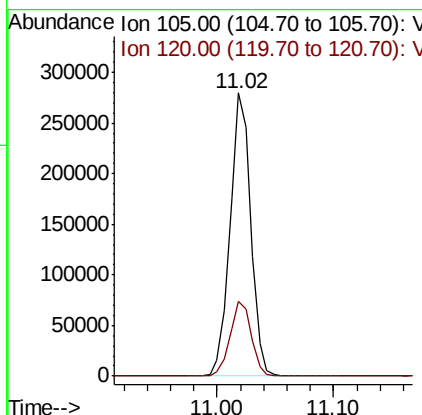
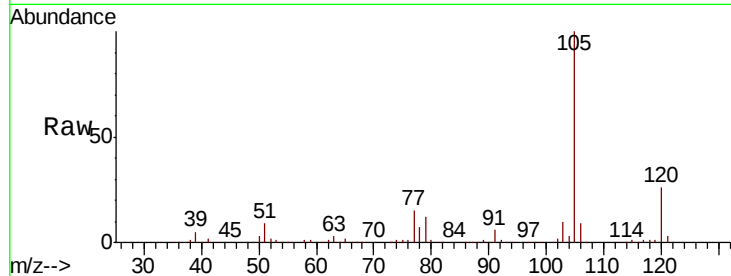




#73
Isopropylbenzene
Concen: 21.93 ug/l
RT: 11.02 min Scan# 1711
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

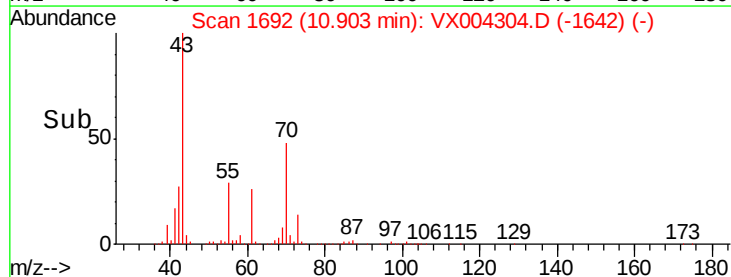
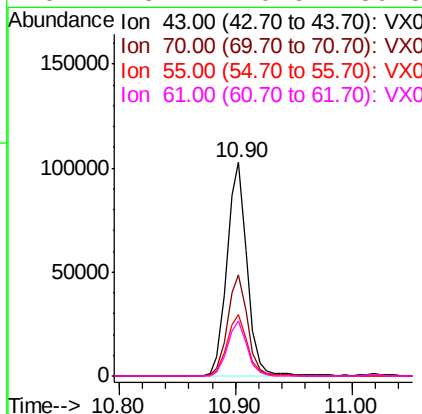
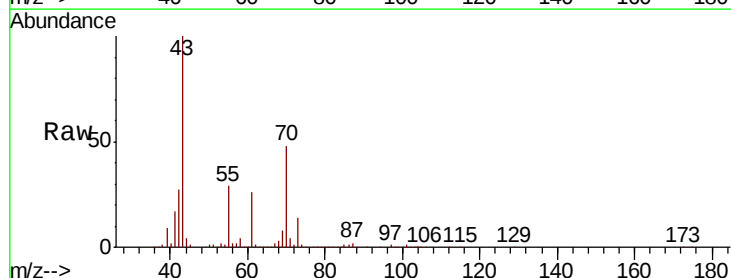
Instrument :
MSVOA_X
ClientSampleId :
VX0829WBS02

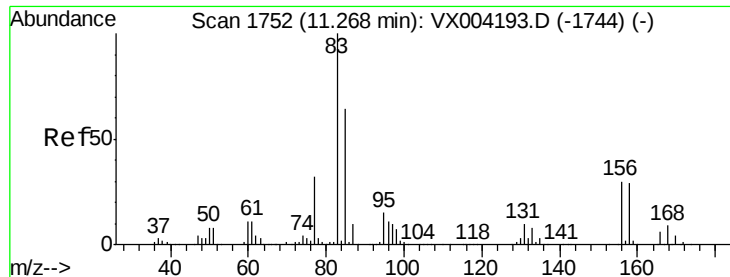
Tot Ion:105 Resp: 345267
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



#74
N-ethyl acetate
Concen: 20.25 ug/l
RT: 10.90 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion: 43 Resp: 122767
Ion Ratio Lower Upper
43 100
70 47.7 37.4 56.0
55 29.4 21.8 32.8
61 25.4 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 21.48 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

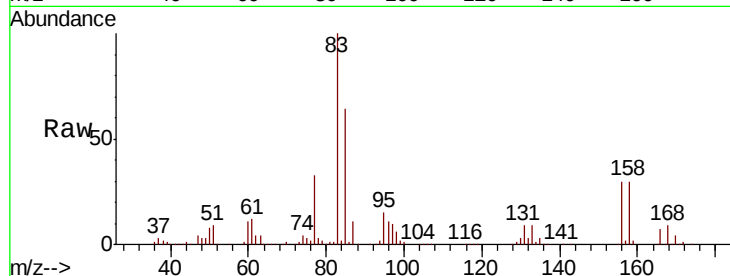
Tot Ion: 83 Resp: 118387

Ion Ratio Lower Upper

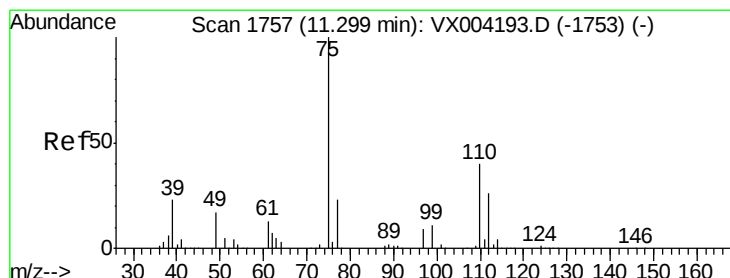
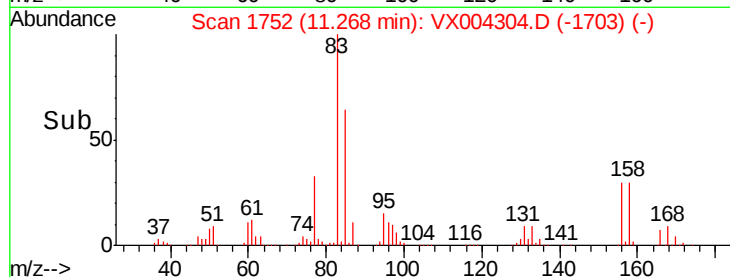
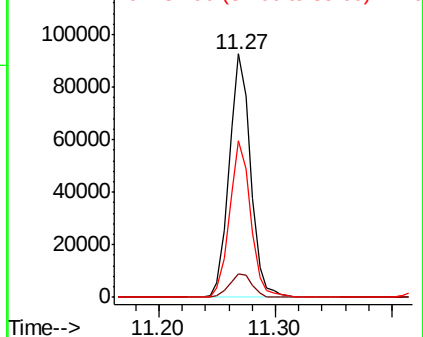
83 100

131 10.3 5.2 15.6

85 63.9 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.99 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX004304.D

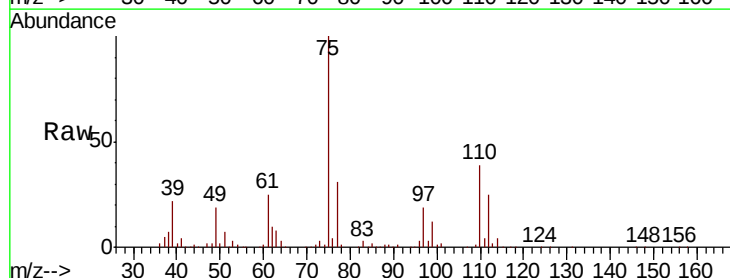
Acq: 29 Aug 2018 21:11

Tgt Ion: 75 Resp: 126705

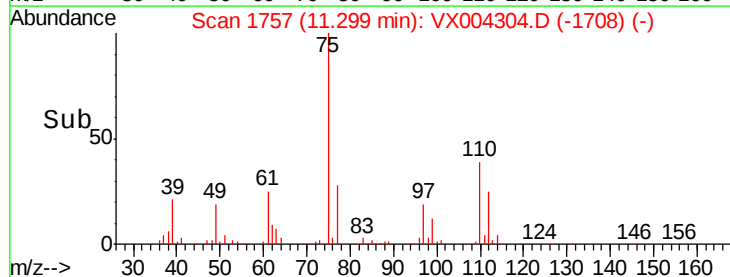
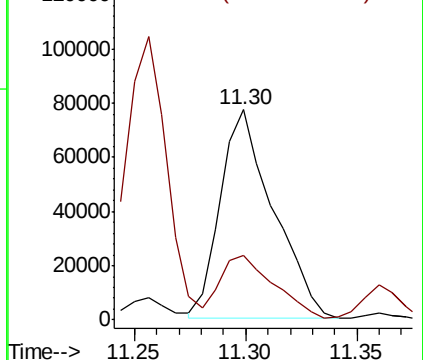
Ion Ratio Lower Upper

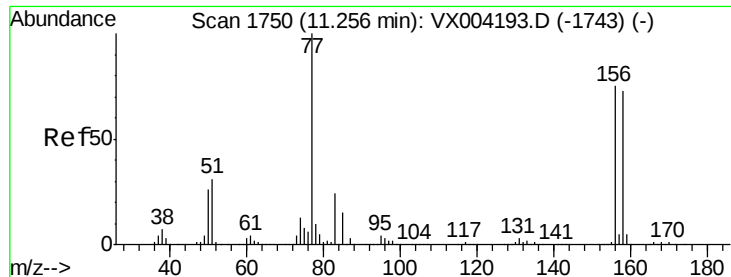
75 100

77 31.9 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 21.35 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS02

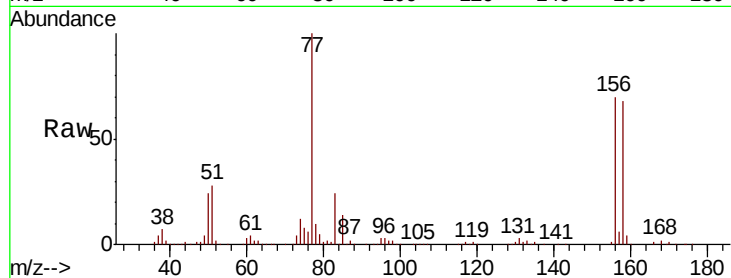
Tot Ion:156 Resp: 94314

Ion Ratio Lower Upper

156 100

77 144.0 71.5 214.3

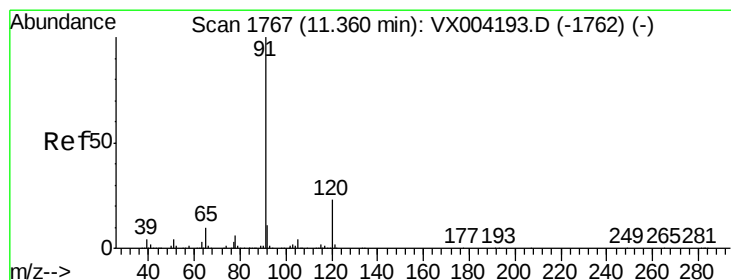
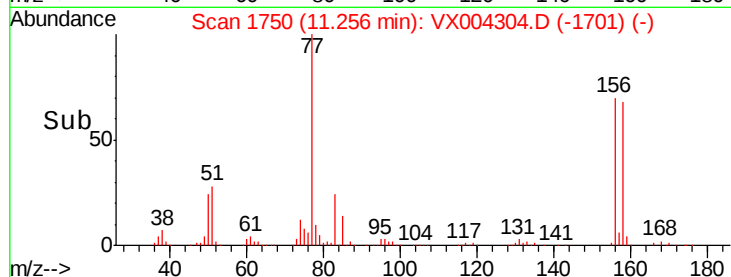
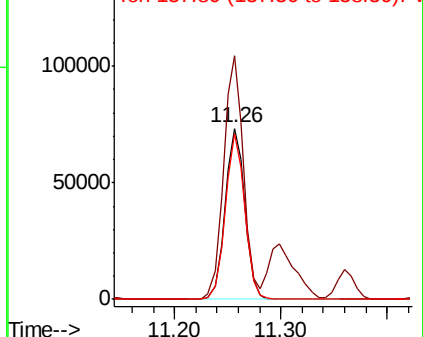
158 95.8 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.53 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX004304.D

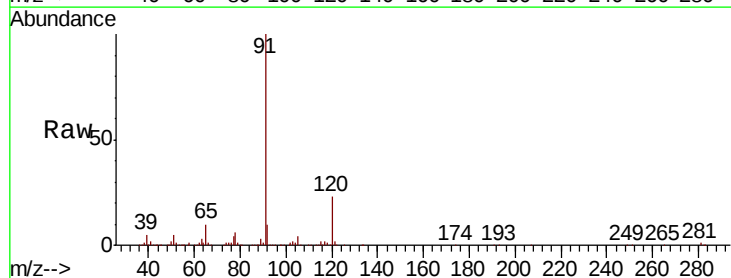
Acq: 29 Aug 2018 21:11

Tgt Ion: 91 Resp: 389937

Ion Ratio Lower Upper

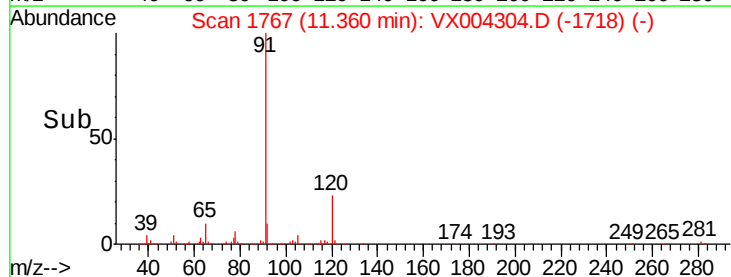
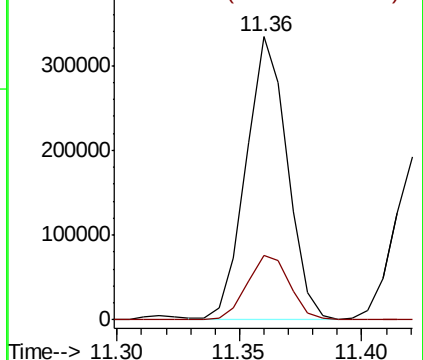
91 100

120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

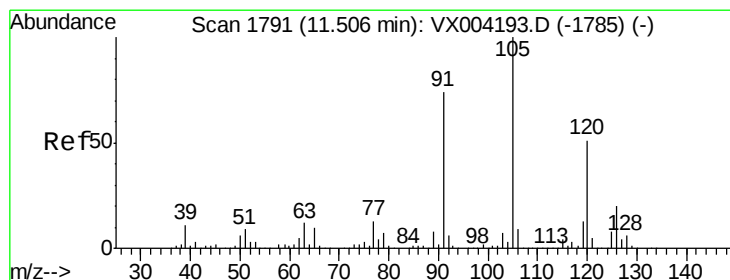
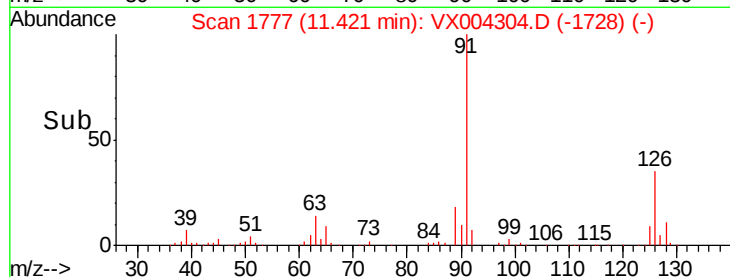
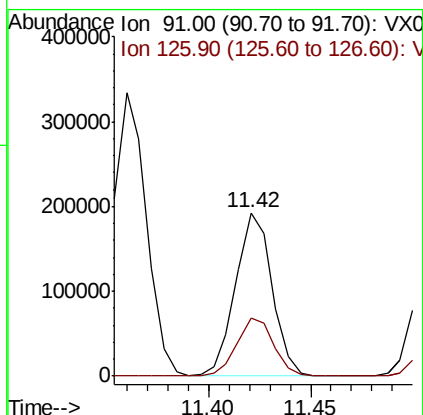
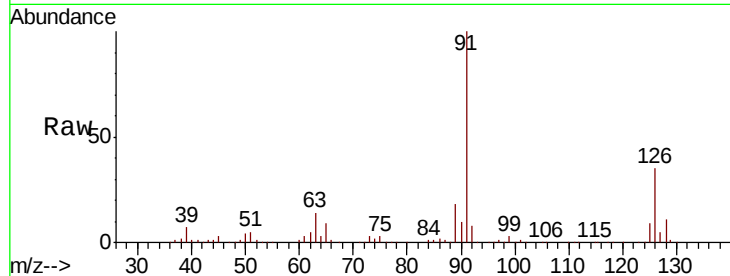




#79
 2-Chlorotoluene
 Concen: 21.27 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

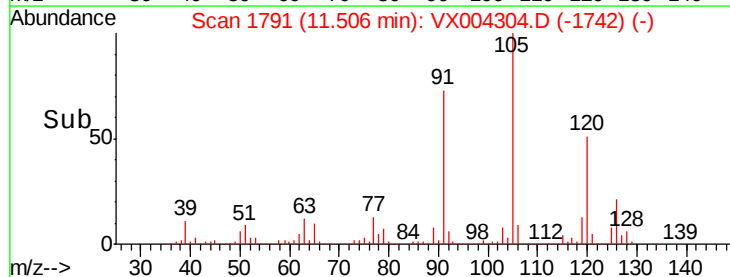
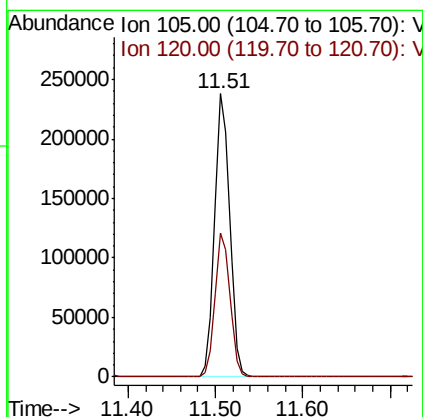
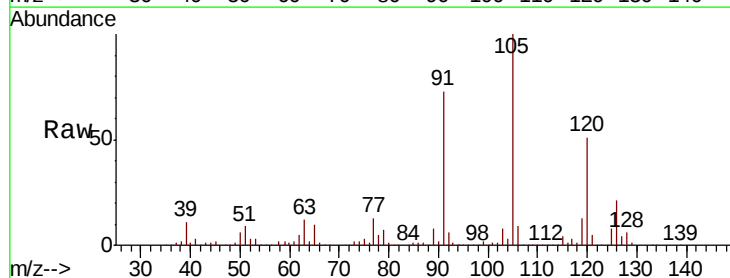
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Tot Ion: 91 Resp: 237134
 Ion Ratio Lower Upper
 91 100
 126 36.2 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 21.93 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Tgt Ion: 105 Resp: 285925
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.09 ug/l

RT: 11.07 min Scan# 1720

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS02

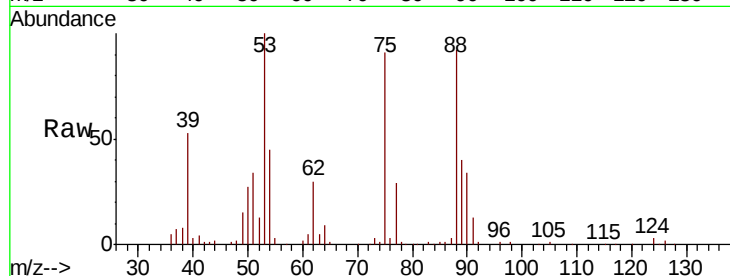
Tot Ion: 75 Resp: 27189

Ion Ratio Lower Upper

75 100

53 107.4 80.1 120.1

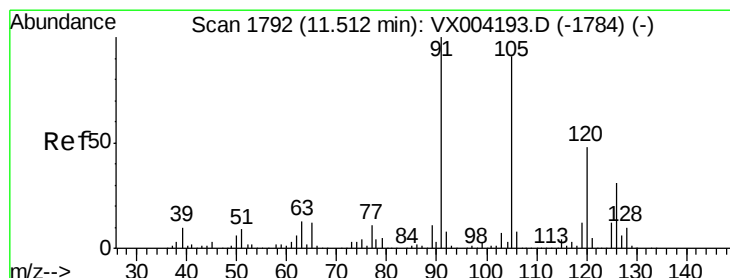
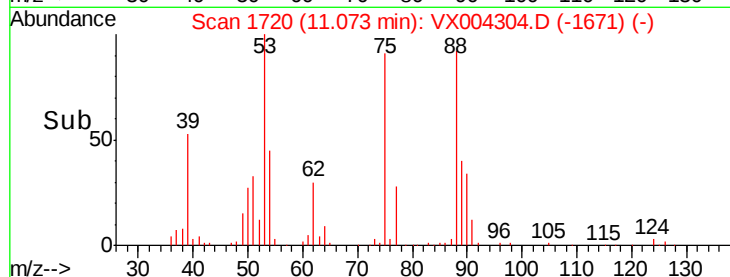
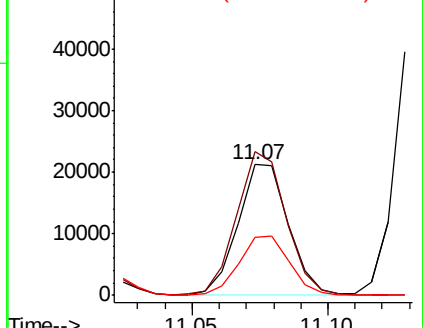
89 45.9 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.74 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004304.D

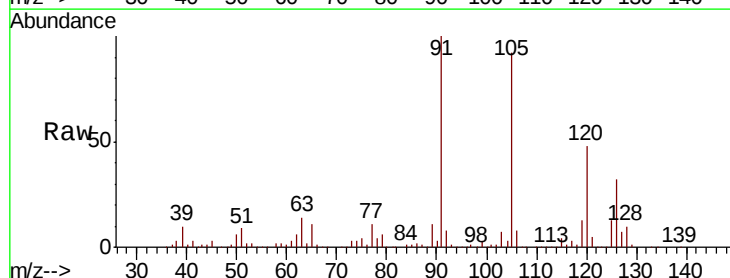
Acq: 29 Aug 2018 21:11

Tgt Ion: 91 Resp: 272044

Ion Ratio Lower Upper

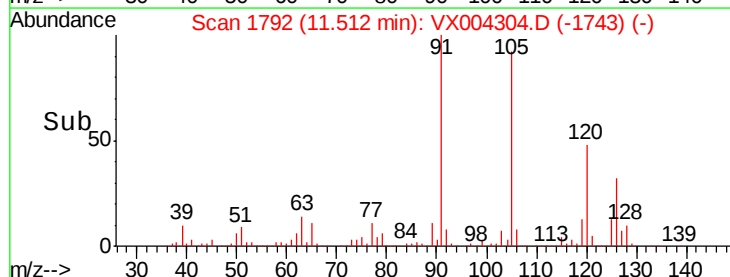
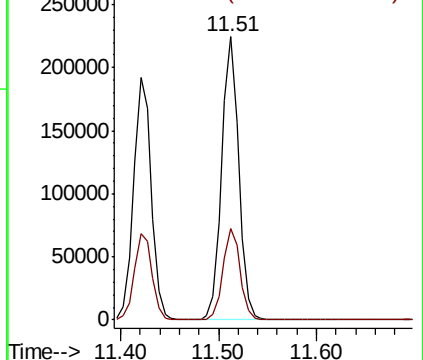
91 100

126 32.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

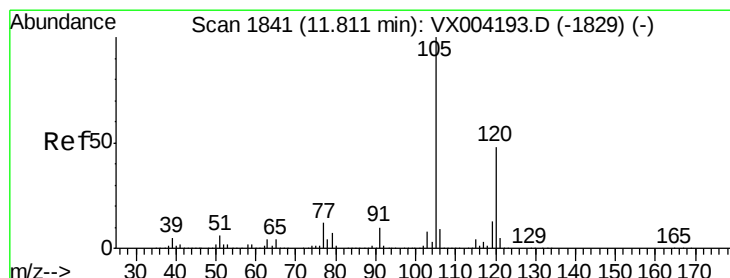
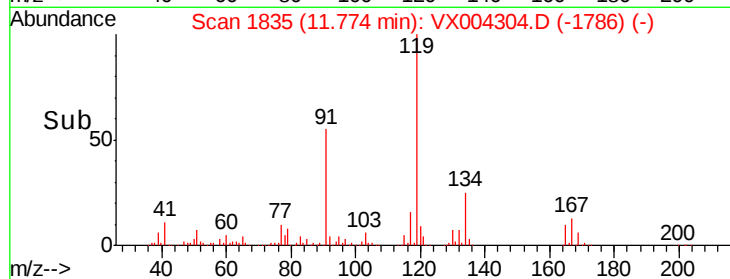
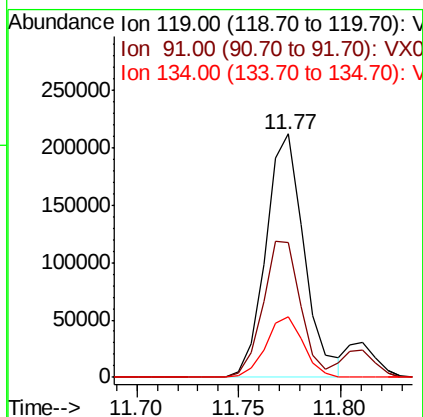
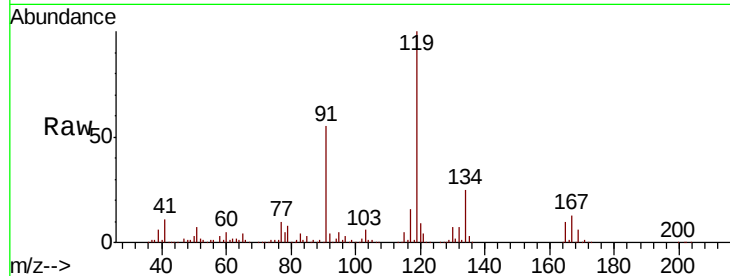




#83
tert-Butylbenzene
Concen: 21.20 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

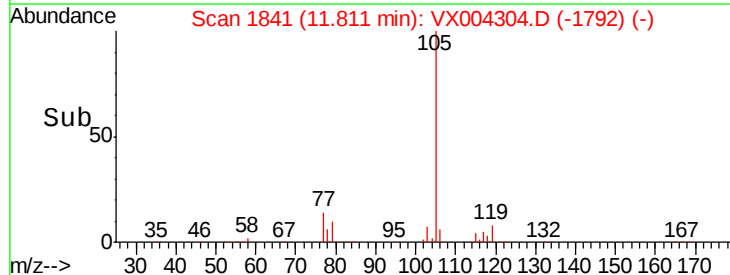
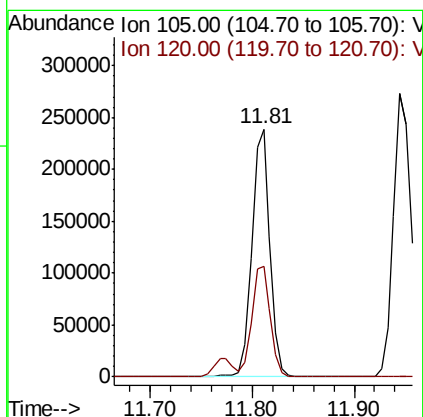
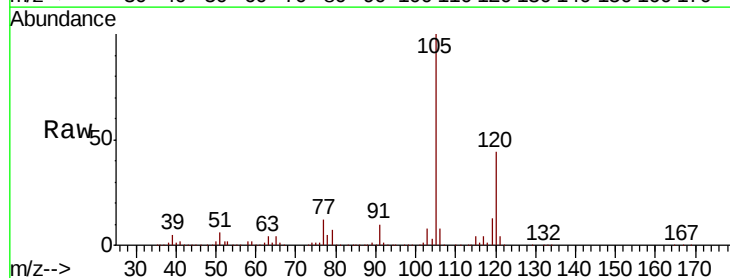
Instrument :
MSVOA_X
ClientSampleID :
VX0829WBS02

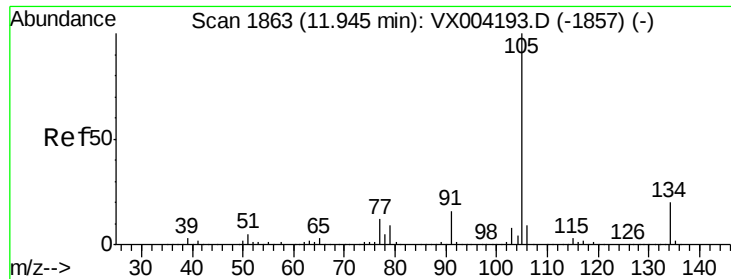
Tot Ion:119 Resp: 278171
Ion Ratio Lower Upper
119 100
91 54.8 27.0 81.0
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 22.02 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX004304.D
Acq: 29 Aug 2018 21:11

Tgt Ion:105 Resp: 294754
Ion Ratio Lower Upper
105 100
120 45.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.13 ug/l

RT: 11.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

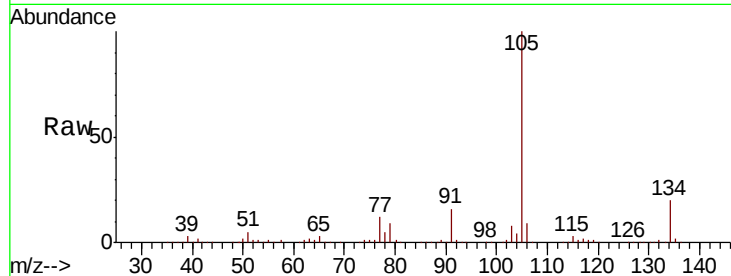
VX0829WBS02

Tot Ion:105 Resp: 329118

Ion Ratio Lower Upper

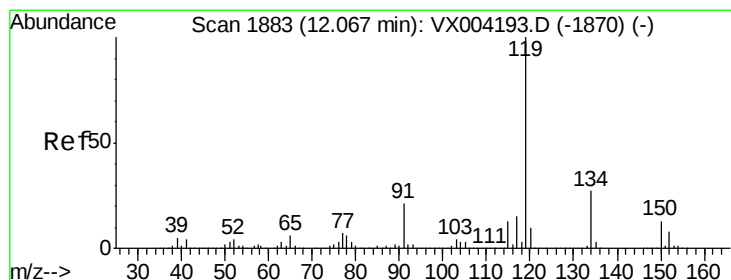
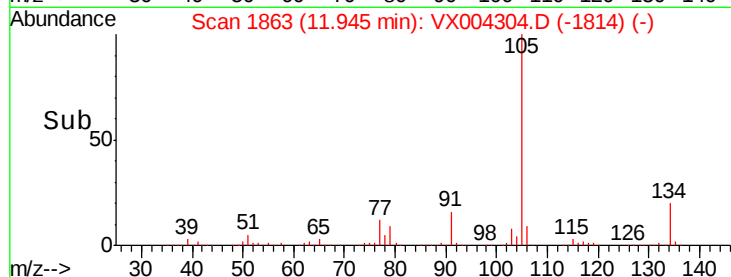
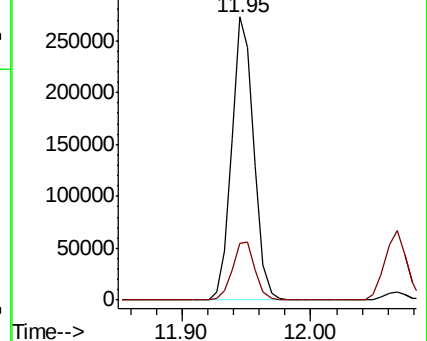
105 100

134 21.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.55 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

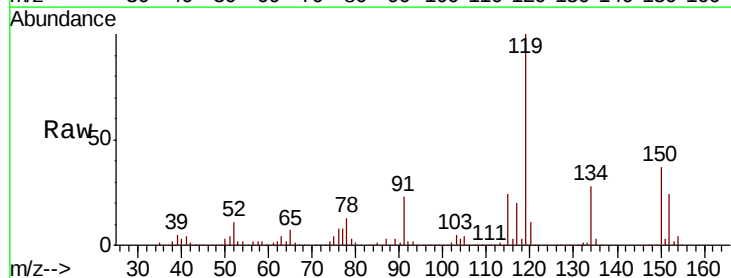
Tgt Ion:119 Resp: 286836

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

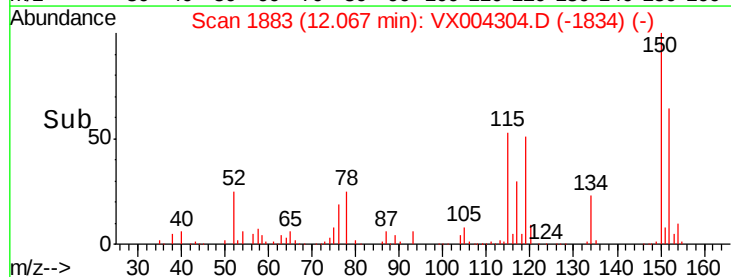
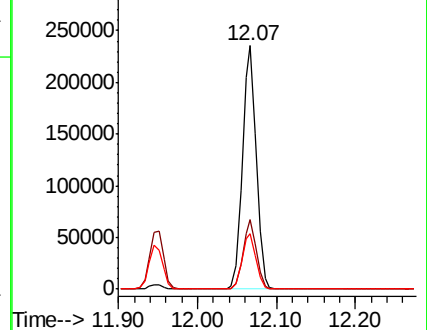
91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

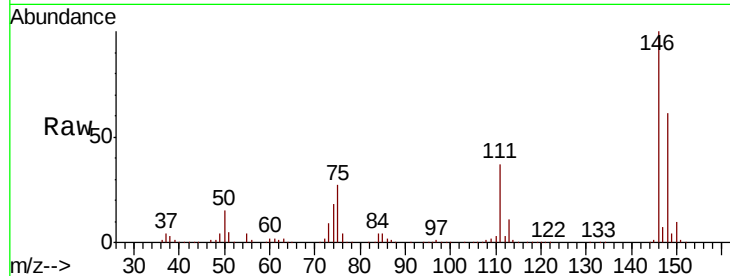




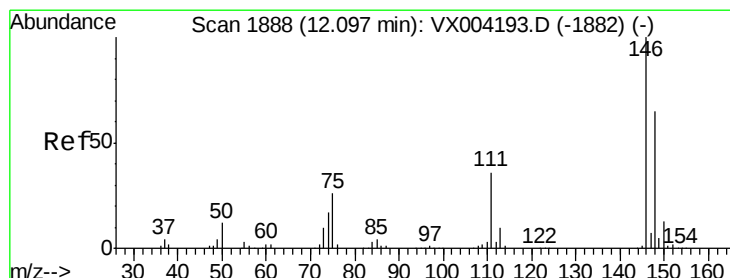
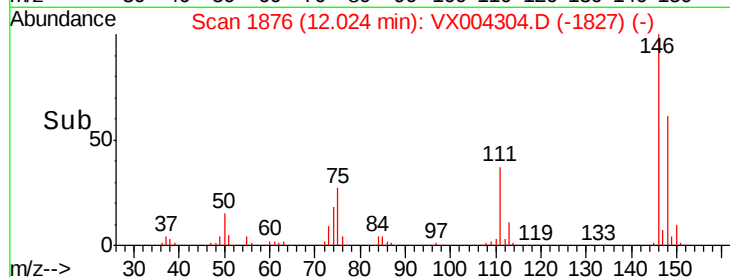
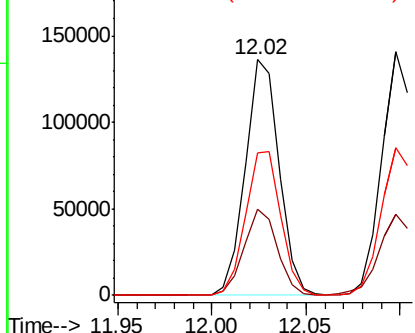
#87
 1,3-Dichlorobenzene
 Concen: 20.45 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

Tot Ion:146 Resp: 170110
 Ion Ratio Lower Upper
 146 100
 111 36.1 18.7 56.1
 148 63.6 32.1 96.5

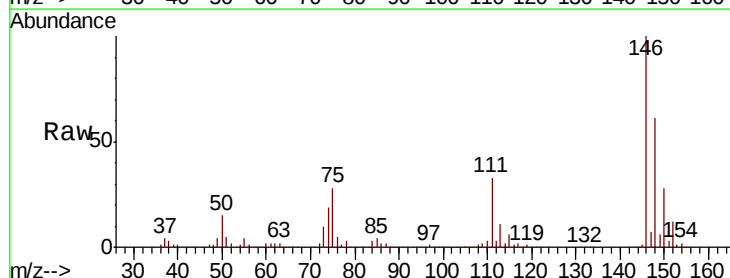


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

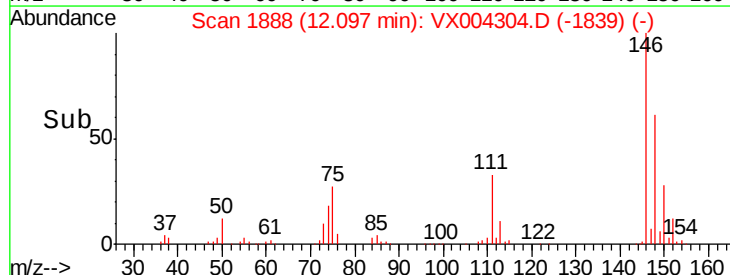
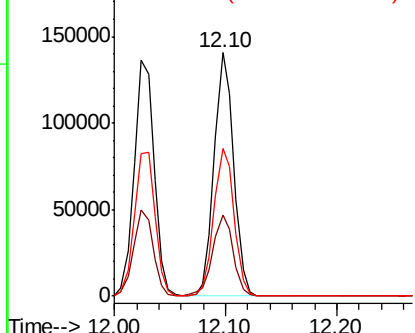


#88
 1,4-Dichlorobenzene
 Concen: 19.51 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Tgt Ion:146 Resp: 171095
 Ion Ratio Lower Upper
 146 100
 111 35.2 18.1 54.1
 148 63.0 32.0 96.0



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





#89

n-Butylbenzene

Concen: 19.26 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampled :

VX0829WBS02

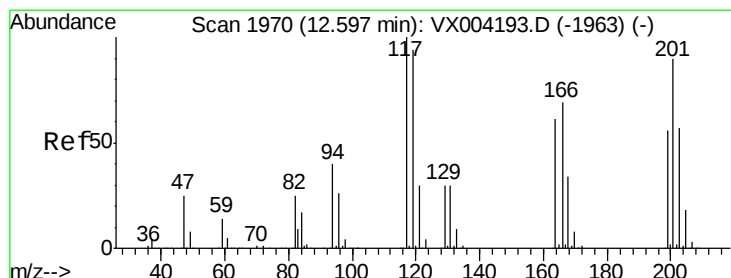
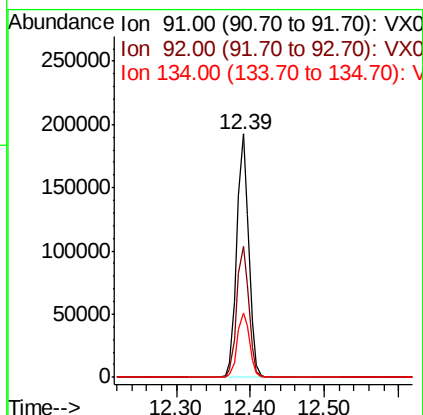
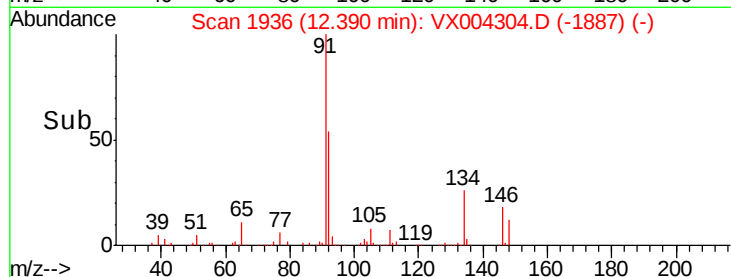
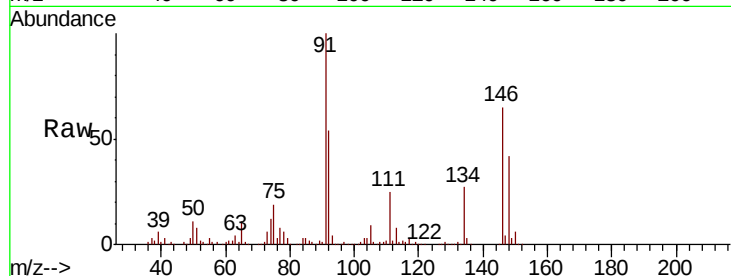
Tot Ion: 91 Resp: 218664

Ion Ratio Lower Upper

91 100

92 54.7 27.3 81.9

134 27.1 13.6 40.7



#90

Hexachloroethane

Concen: 20.95 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX004304.D

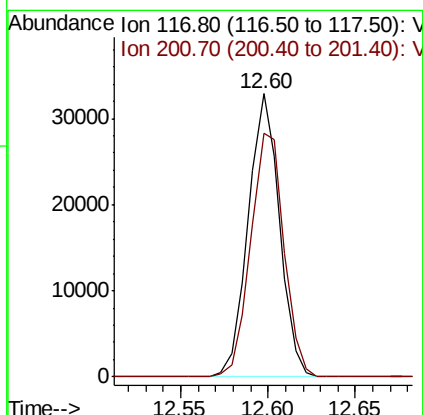
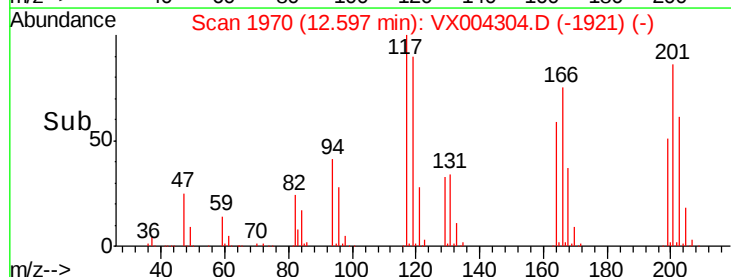
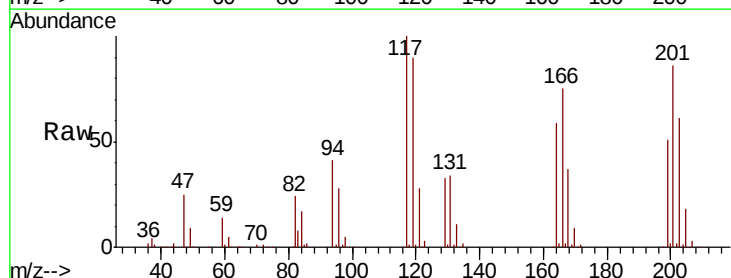
Acq: 29 Aug 2018 21:11

Tgt Ion: 117 Resp: 40878

Ion Ratio Lower Upper

117 100

201 91.3 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 20.70 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

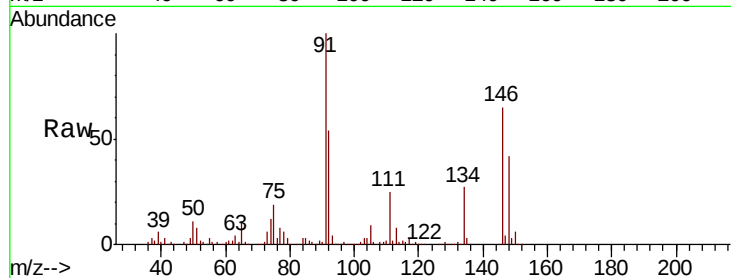
Tot Ion:146 Resp: 157363

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.1

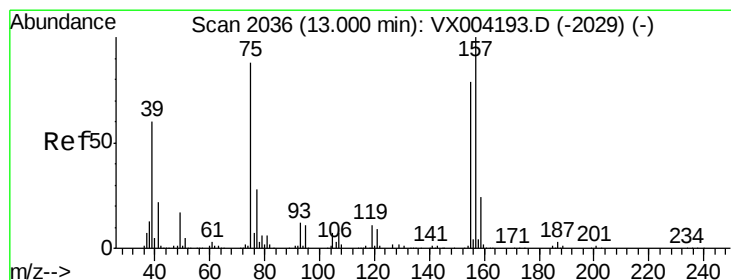
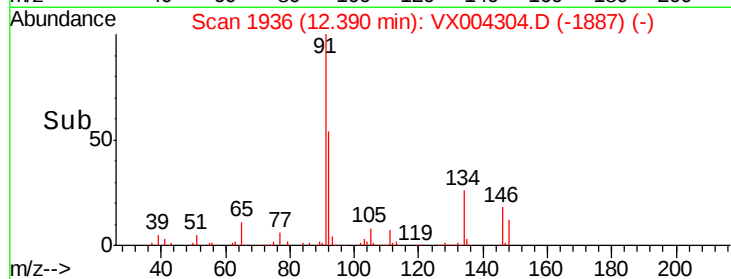
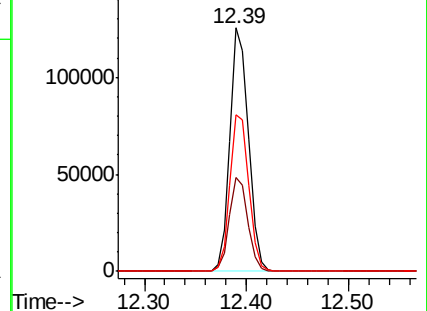
148 65.6 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.23 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

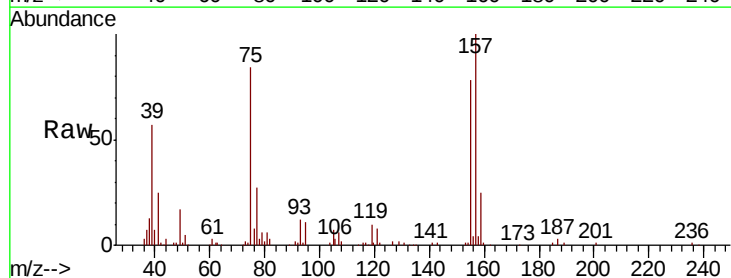
Tgt Ion: 75 Resp: 19639

Ion Ratio Lower Upper

75 100

155 98.6 48.0 144.2

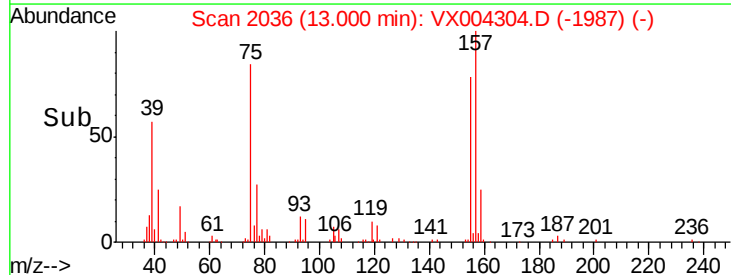
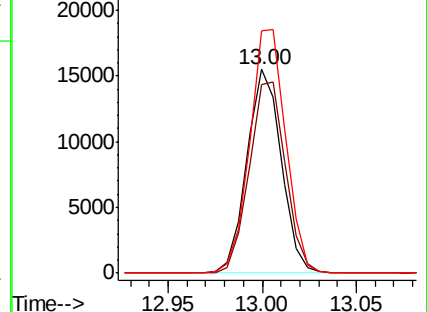
157 125.0 61.4 184.1

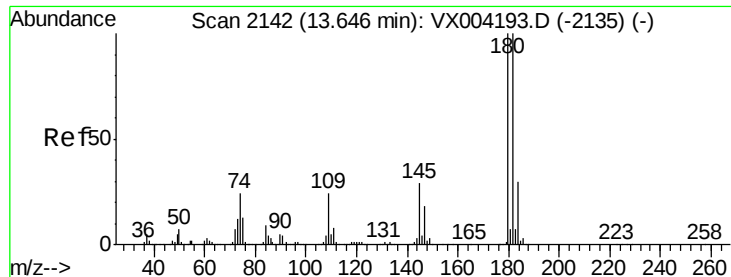


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

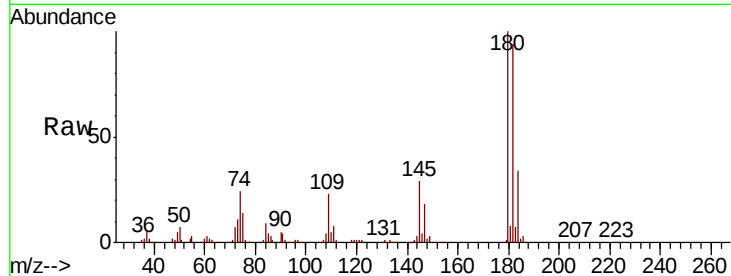




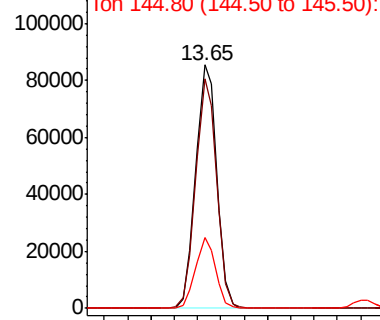
#93
 1,2,4-Trichlorobenzene
 Concen: 19.28 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS02

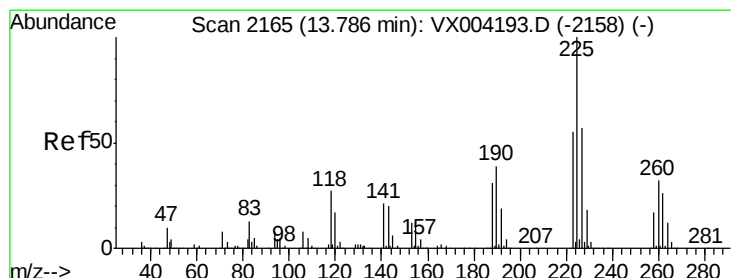
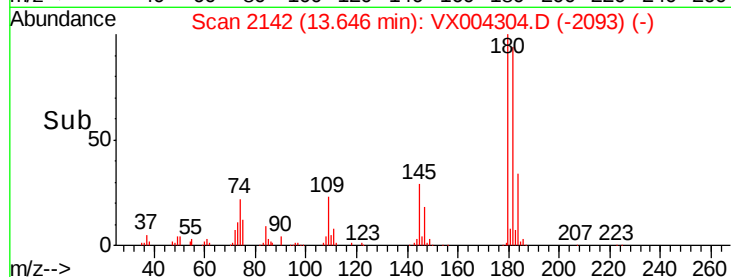
Tot Ion:180 Resp: 106644
 Ion Ratio Lower Upper
 180 100
 182 93.5 48.4 145.0
 145 27.9 14.3 42.9



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

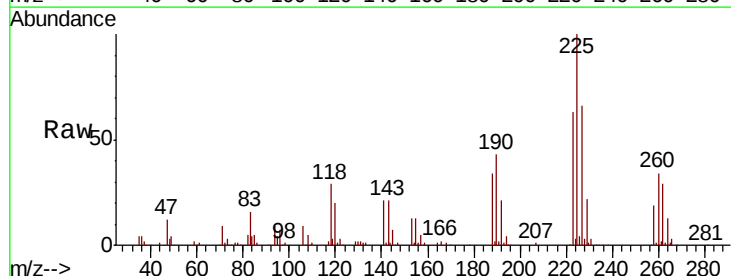


Time-->

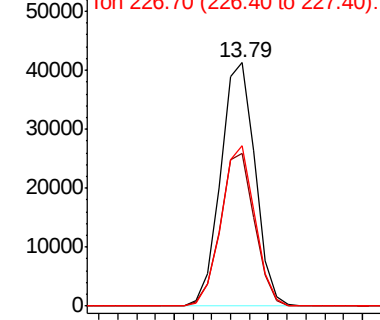


#94
 Hexachlorobutadiene
 Concen: 20.22 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX004304.D
 Acq: 29 Aug 2018 21:11

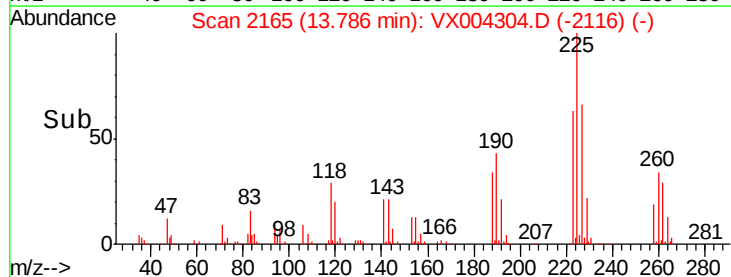
Tgt Ion:225 Resp: 52232
 Ion Ratio Lower Upper
 225 100
 223 62.3 30.1 90.5
 227 64.1 30.8 92.4

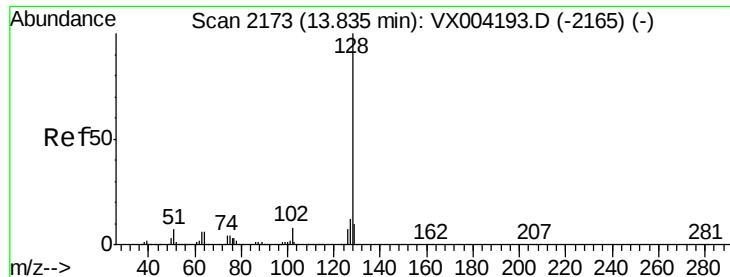


Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V



Time-->





#95

Naphthalene

Concen: 22.19 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

Instrument :

MSVOA_X

ClientSampleId :

VX0829WBS02

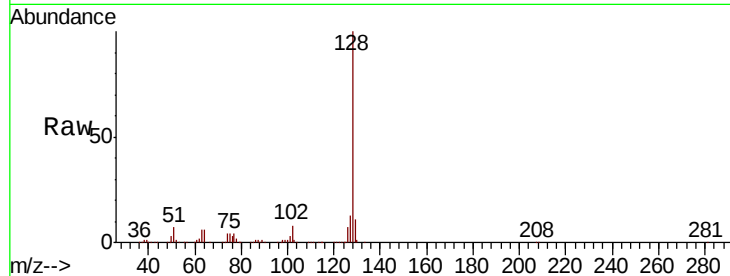
Tot Ion:128 Resp: 347018

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

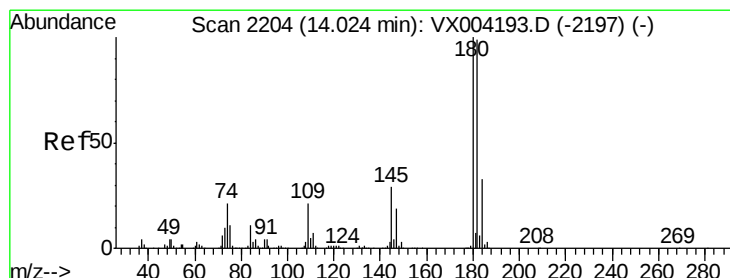
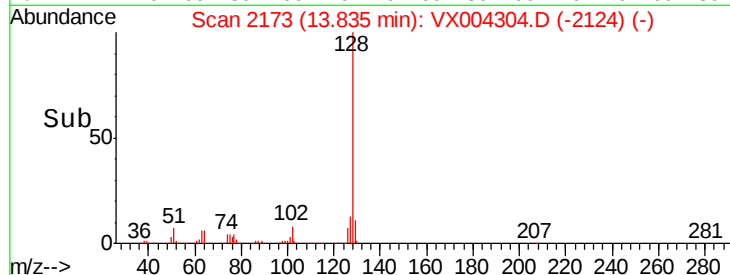
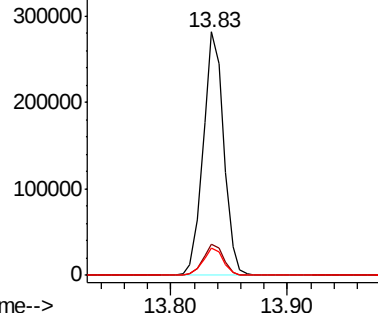
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 21.04 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX004304.D

Acq: 29 Aug 2018 21:11

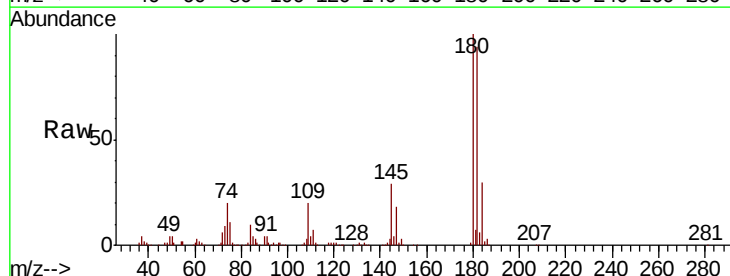
Tgt Ion:180 Resp: 123203

Ion Ratio Lower Upper

180 100

182 95.1 48.5 145.6

145 29.3 14.9 44.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

