

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005383.D
 Acq On : 17 Oct 2018 10:24
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Quant Time: Oct 17 16:38:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	267884	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	355133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	200554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	141951	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.50	113	116625	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.71	98	442327	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
62) 4-Bromofluorobenzene	11.14	95	162935	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	39089	18.66	ug/l	99
3) Chloromethane	1.32	50	53533	17.64	ug/l	97
4) Vinyl Chloride	1.40	62	55977	18.21	ug/l	98
5) Bromomethane	1.64	94	34413	20.17	ug/l	96
6) Chloroethane	1.71	64	35399	18.53	ug/l	95
7) Trichlorofluoromethane	1.92	101	79067	19.27	ug/l	97
8) Diethyl Ether	2.19	74	33283	19.00	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46025	19.44	ug/l	95
10) Methyl Iodide	2.51	142	51178	21.22	ug/l	98
11) Tert butyl alcohol	3.07	59	82203	98.02	ug/l	99
12) 1,1-Dichloroethene	2.37	96	44585	19.00	ug/l	97
13) Acrolein	2.29	56	33191	60.38	ug/l	95
14) Allyl chloride	2.73	41	98199	19.06	ug/l	95
15) Acrylonitrile	3.15	53	178342	93.84	ug/l	99
16) Acetone	2.45	43	163936	95.37	ug/l	97
17) Carbon Disulfide	2.57	76	120817	17.00	ug/l	98
18) Methyl Acetate	2.78	43	96655	19.76	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	167166	20.23	ug/l	97
20) Methylene Chloride	2.85	84	52075	20.01	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	47811	18.39	ug/l	94
22) Diisopropyl ether	3.87	45	159455	18.43	ug/l	92
23) Vinyl Acetate	3.82	43	688012	90.98	ug/l	97
24) 1,1-Dichloroethane	3.70	63	95315	19.22	ug/l	98
25) 2-Butanone	4.70	43	230054	91.47	ug/l	94
26) 2,2-Dichloropropane	4.58	77	69611	18.77	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	50902	18.01	ug/l	95
28) Bromochloromethane	5.02	49	46298	20.48	ug/l	94
29) Tetrahydrofuran	5.15	42	145623	90.77	ug/l	94
30) Chloroform	5.21	83	87298	18.97	ug/l	99
31) Cyclohexane	5.57	56	72875	17.83	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	75403	18.83	ug/l	100
36) 1,1-Dichloropropene	5.80	75	62460	16.94	ug/l	99
37) Ethyl Acetate	4.85	43	81272	17.14	ug/l	99
38) Carbon Tetrachloride	5.78	117	66378	17.92	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
 Data File : VX005383.D
 Acq On : 17 Oct 2018 10:24
 Operator : JC/MD
 Sample : VX1017WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Quant Time: Oct 17 16:38:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	70966	17.79	ug/l	94
40) Benzene	6.13	78	198284	17.93	ug/l	97
41) Methacrylonitrile	5.06	41	45180	17.78	ug/l	96
42) 1,2-Dichloroethane	6.20	62	70113	17.96	ug/l	98
43) Isopropyl Acetate	6.46	43	119178	18.87	ug/l	96
44) Trichloroethene	7.21	130	54776	19.01	ug/l	99
45) 1,2-Dichloropropane	7.52	63	51788	19.09	ug/l	98
46) Dibromomethane	7.66	93	34046	19.02	ug/l	99
47) Bromodichloromethane	7.90	83	63808	19.27	ug/l	98
48) Methyl methacrylate	7.77	41	62303	19.02	ug/l	95
49) 1,4-Dioxane	7.76	88	28899	382.56	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	431727	98.74	ug/l	94
52) Toluene	8.79	92	123596	20.43	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	69835	19.49	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	76821	19.78	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	50958	19.89	ug/l	95
56) Ethyl methacrylate	9.18	69	74355	19.91	ug/l	96
57) 1,3-Dichloropropane	9.37	76	85419	19.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	211658	101.04	ug/l	95
59) 2-Hexanone	9.49	43	344155	97.85	ug/l	94
60) Dibromochloromethane	9.59	129	51779	19.55	ug/l	100
61) 1,2-Dibromoethane	9.67	107	53236	19.80	ug/l	100
64) Tetrachloroethene	9.34	164	56613	19.80	ug/l	97
65) Chlorobenzene	10.14	112	138986	18.40	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	50876	18.90	ug/l	98
67) Ethyl Benzene	10.25	91	230111	18.74	ug/l	97
68) m/p-Xylenes	10.36	106	181077	37.99	ug/l	96
69) o-Xylene	10.70	106	86416	18.80	ug/l	98
70) Styrene	10.71	104	145566	19.25	ug/l	97
71) Bromoform	10.86	173	42413	17.63	ug/l #	98
73) Isopropylbenzene	11.02	105	237351	19.91	ug/l	100
74) N-amyl acetate	10.90	43	106638	18.54	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	82417	18.33	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	97558	25.08	ug/l	86
77) Bromobenzene	11.26	156	66065	19.38	ug/l	99
78) n-propylbenzene	11.36	91	272422	19.86	ug/l	100
79) 2-Chlorotoluene	11.42	91	162685	19.36	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	204971	20.08	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	23116	18.06	ug/l	98
82) 4-Chlorotoluene	11.51	91	191811	19.26	ug/l	100
83) tert-Butylbenzene	11.77	119	200256	19.37	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	210063	19.99	ug/l	98
85) sec-Butylbenzene	11.94	105	243059	19.87	ug/l	100
86) p-Isopropyltoluene	12.07	119	220673	19.95	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	120665	18.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	123184	18.90	ug/l	98
89) n-Butylbenzene	12.39	91	187418	18.67	ug/l	98
90) Hexachloroethane	12.60	117	33839	17.76	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	122543	18.85	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	19752	18.00	ug/l	99

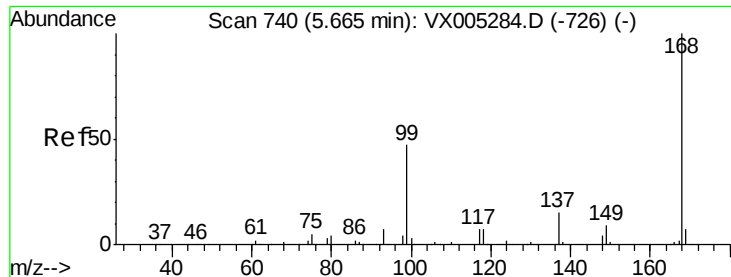
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX101718\
Data File : VX005383.D
Acq On : 17 Oct 2018 10:24
Operator : JC/MD
Sample : VX1017WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Quant Time: Oct 17 16:38:34 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90528	18.98	ug/l	99
94) Hexachlorobutadiene	13.79	225	46475	18.45	ug/l	96
95) Naphthalene	13.83	128	271531	19.63	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	94056	19.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

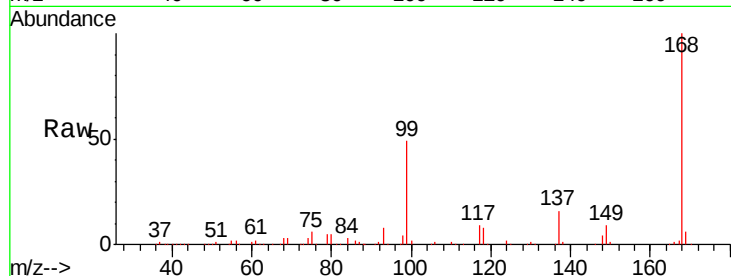
VX1017WBS01

Tgt Ion:168 Resp: 267884

Ion Ratio Lower Upper

168 100

99 48.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

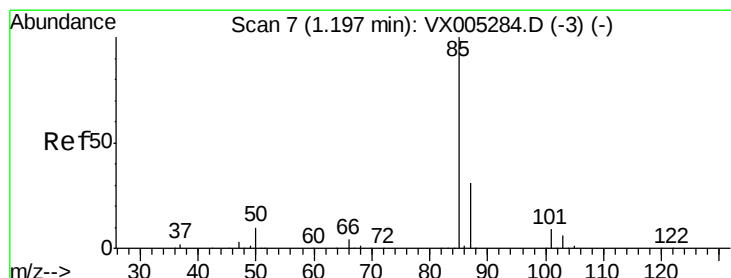
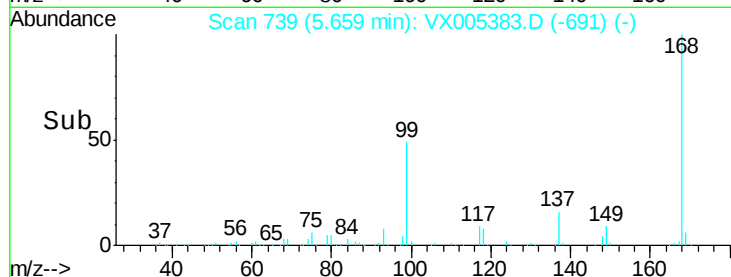
40000

20000

0

5.60 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.66 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005383.D

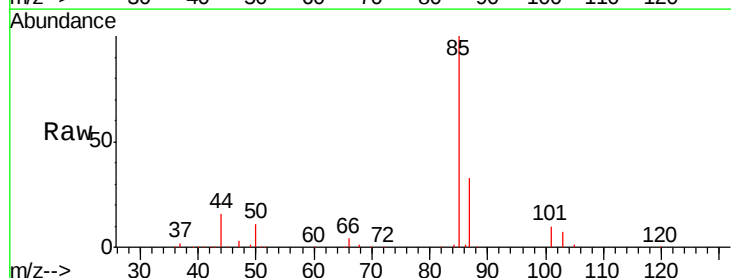
Acq: 17 Oct 2018 10:24

Tgt Ion: 85 Resp: 39089

Ion Ratio Lower Upper

85 100

87 33.1 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

30000

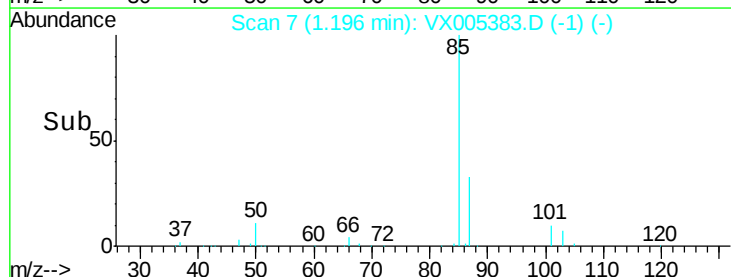
20000

10000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 17.64 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

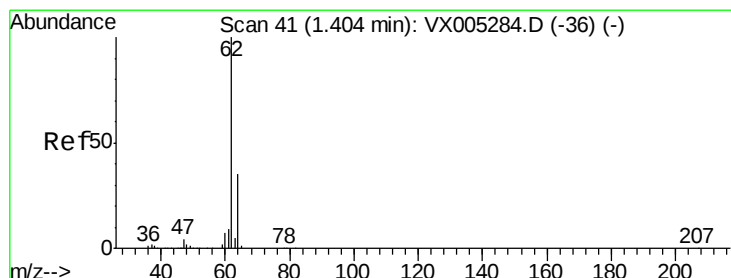
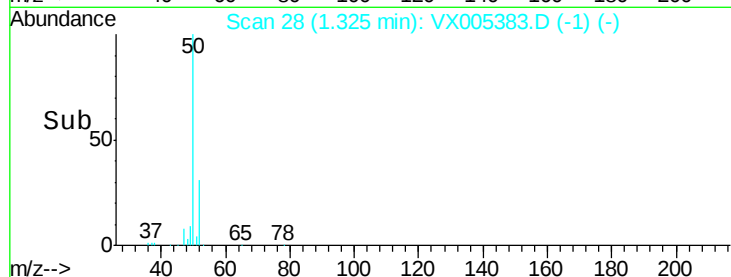
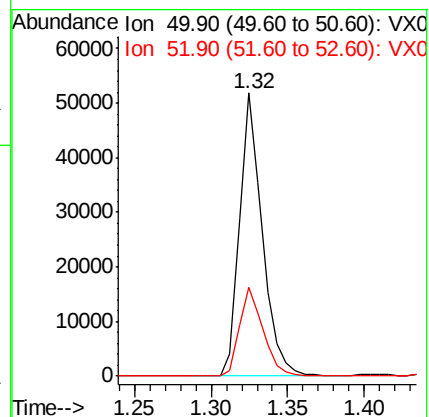
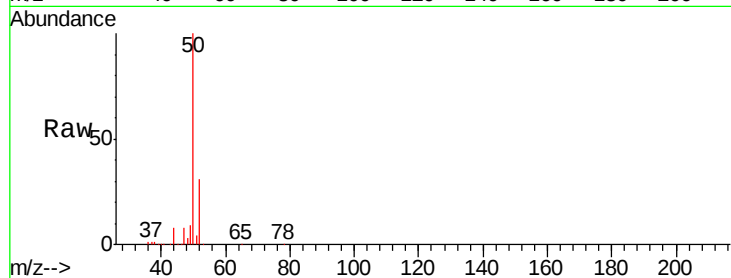
VX1017WBS01

Tgt Ion: 50 Resp: 53533

Ion Ratio Lower Upper

50 100

52 31.3 26.2 39.2



#4

Vinyl Chloride

Concen: 18.21 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005383.D

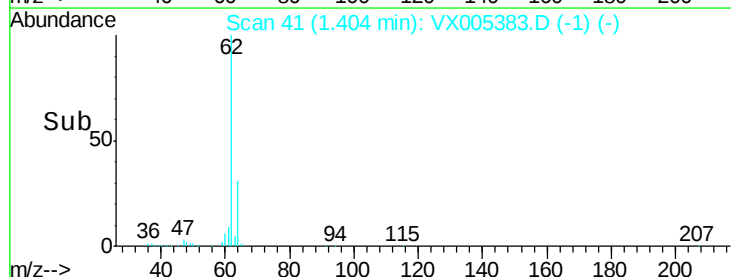
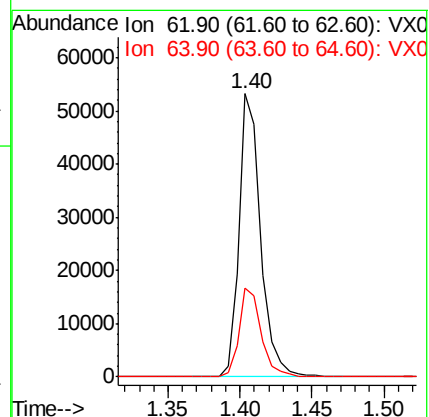
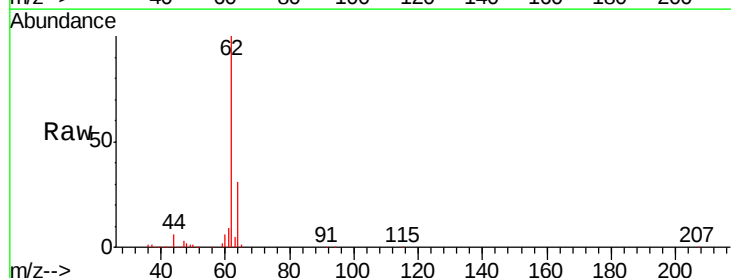
Acq: 17 Oct 2018 10:24

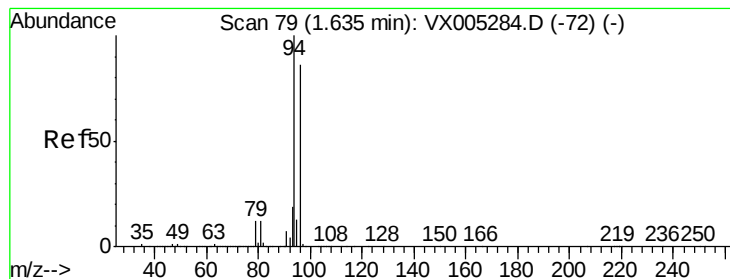
Tgt Ion: 62 Resp: 55977

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 20.17 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

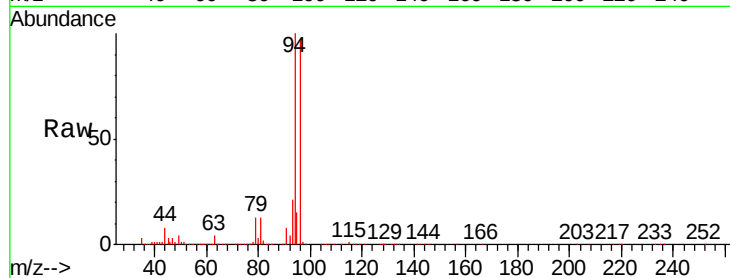
VX1017WBS01

Tgt Ion: 94 Resp: 34413

Ion Ratio Lower Upper

94 100

96 96.7 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

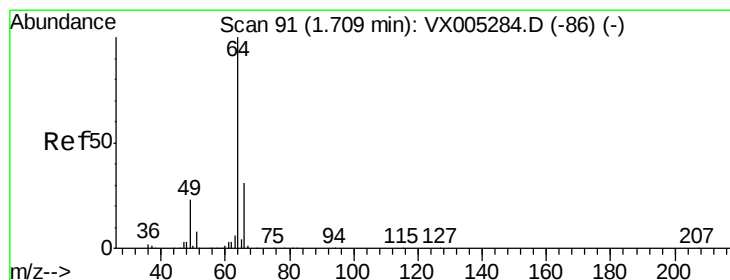
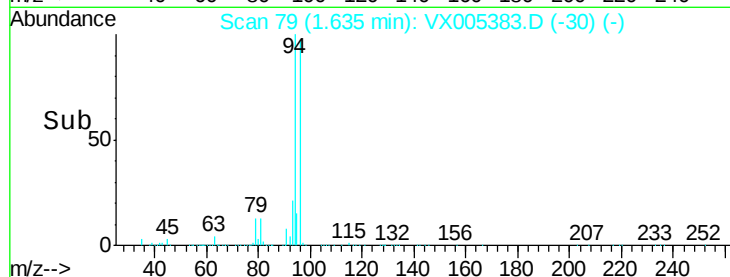
30000

20000

10000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 18.53 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX005383.D

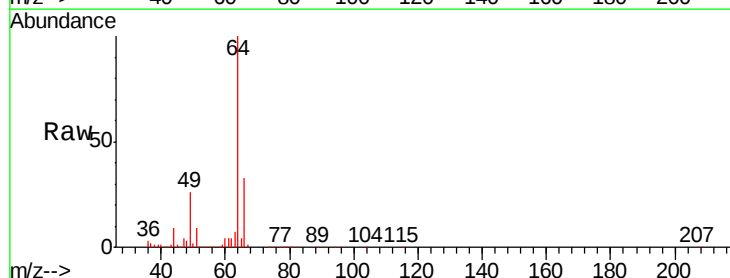
Acq: 17 Oct 2018 10:24

Tgt Ion: 64 Resp: 35399

Ion Ratio Lower Upper

64 100

66 33.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

30000

25000

20000

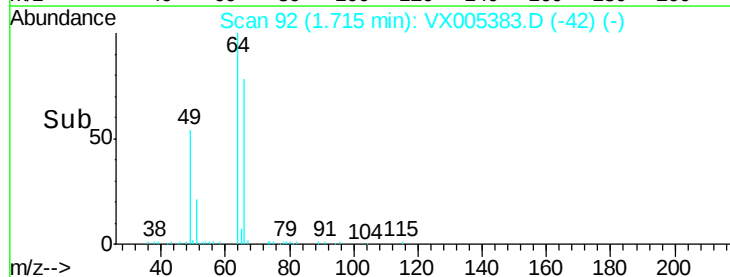
15000

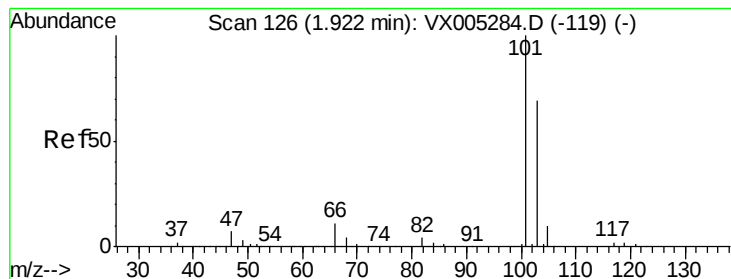
10000

5000

0

Time--> 1.60 1.70 1.80



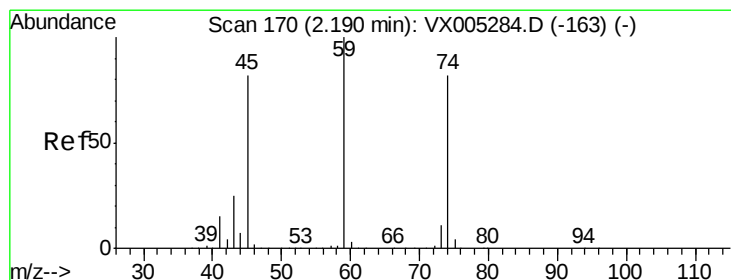
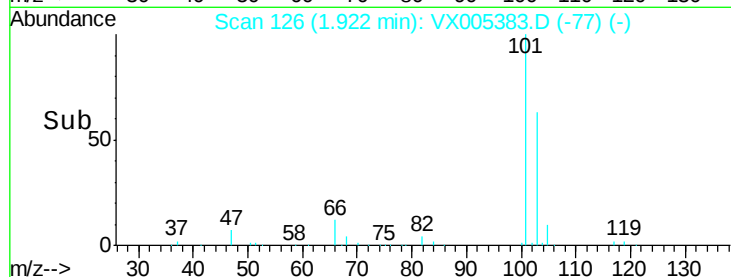
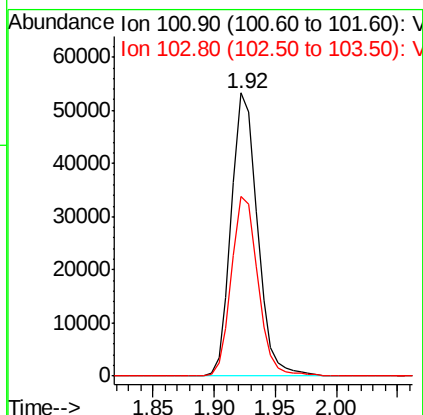
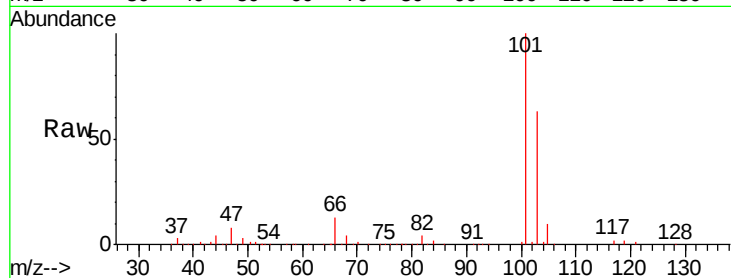


#7

Trichlorofluoromethane
 Concen: 19.27 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

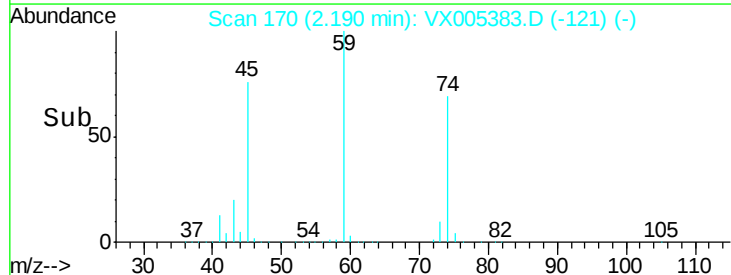
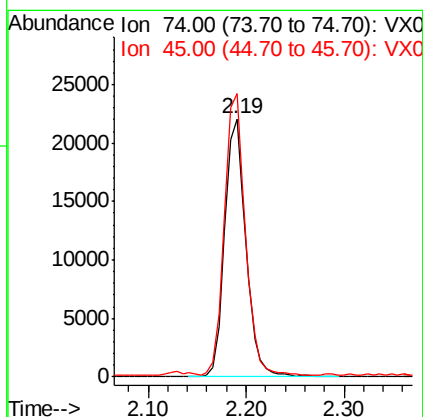
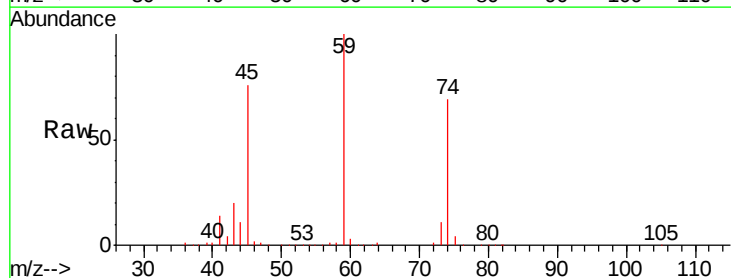
Tgt Ion:101 Resp: 79067
 Ion Ratio Lower Upper
 101 100
 103 63.3 48.9 73.3



#8

Diethyl Ether
 Concen: 19.00 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 74 Resp: 33283
 Ion Ratio Lower Upper
 74 100
 45 107.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.44 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

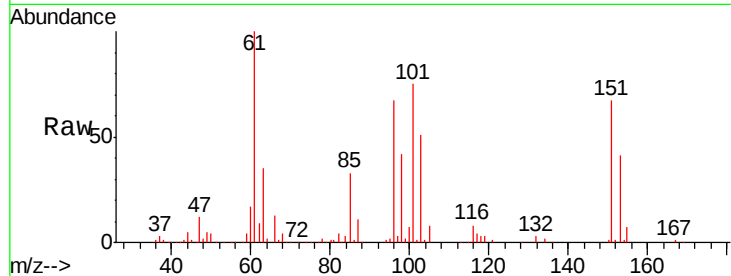
Tgt Ion:101 Resp: 46025

Ion Ratio Lower Upper

101 100

85 45.2 34.2 51.4

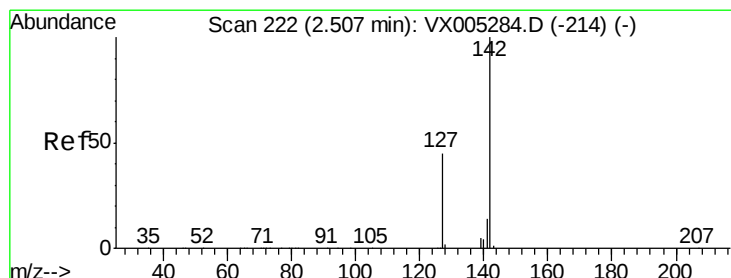
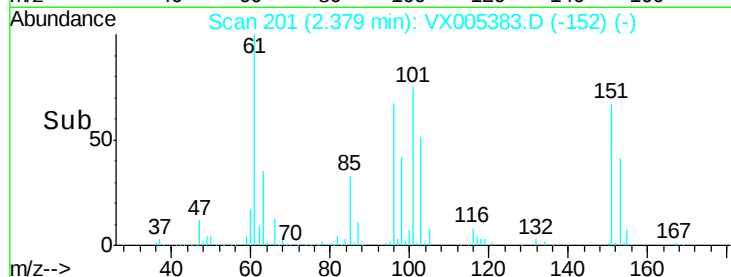
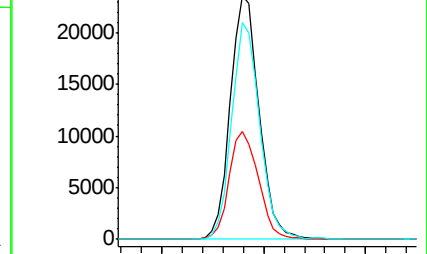
151 86.7 65.0 97.6



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: 21.22 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

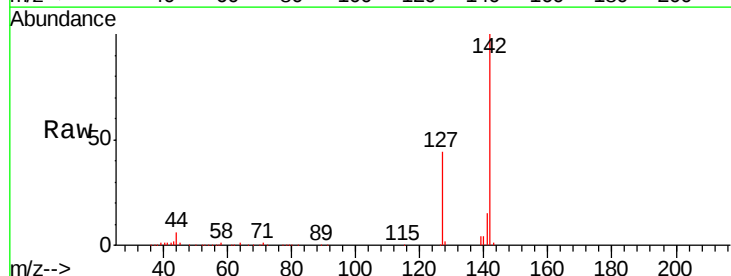
Tgt Ion:142 Resp: 51178

Ion Ratio Lower Upper

142 100

127 43.3 33.8 50.6

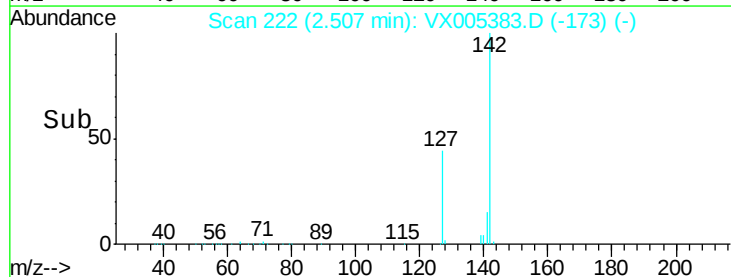
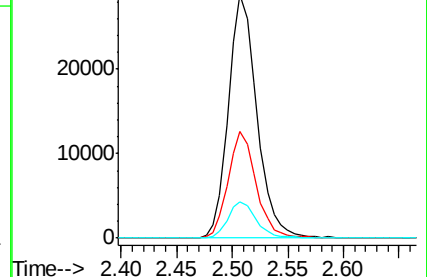
141 14.9 11.4 17.0

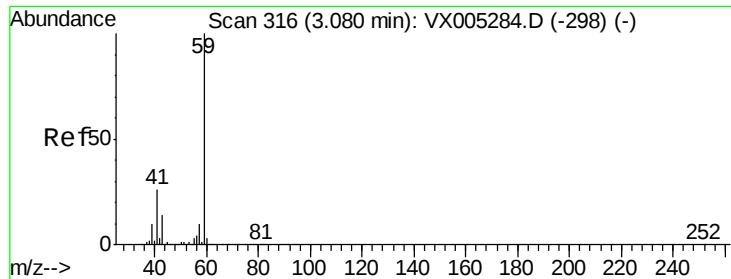


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

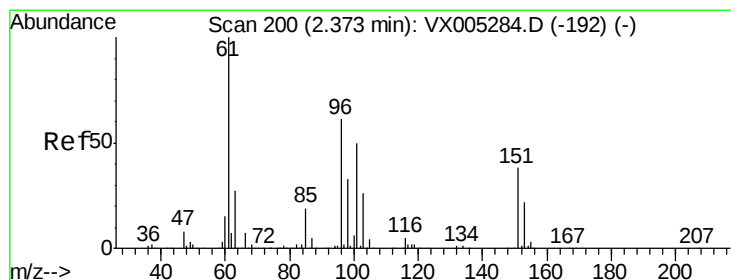
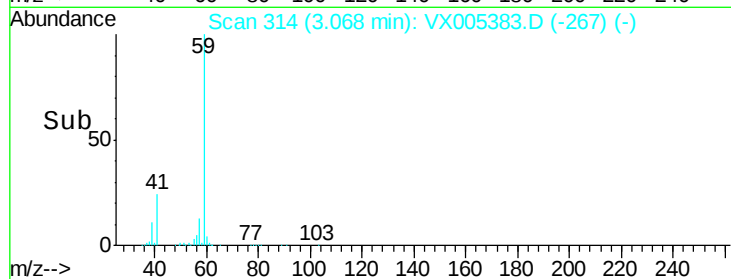
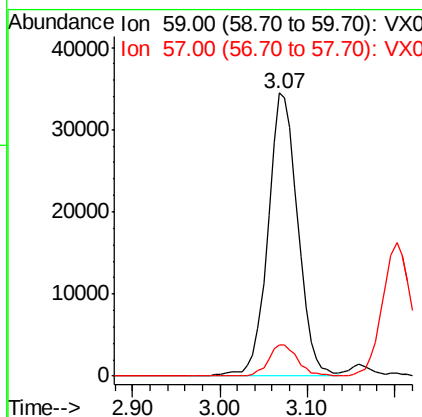
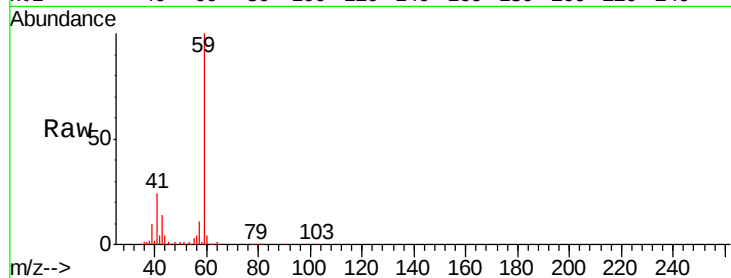




#11
Tert butyl alcohol
Concen: 98.02 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

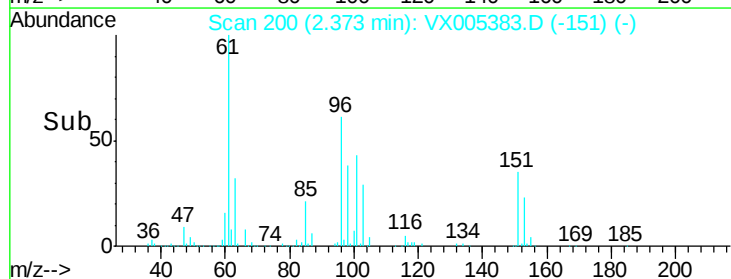
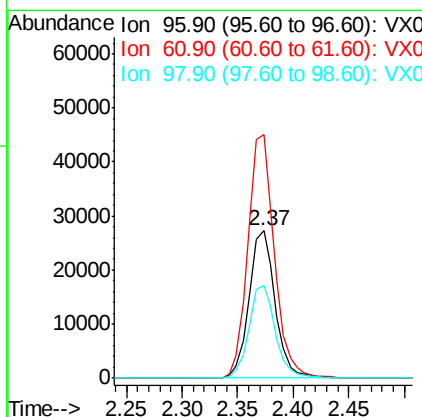
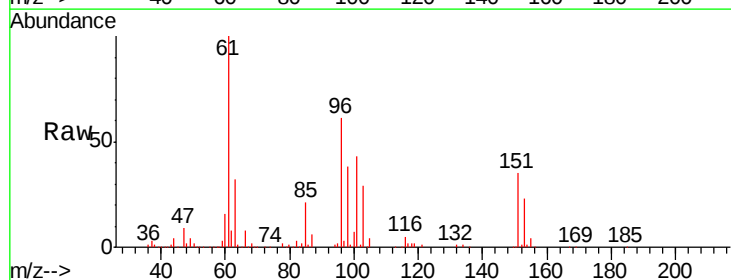
Instrument :
MSVOA_X
ClientSampled :
VX1017WBS01

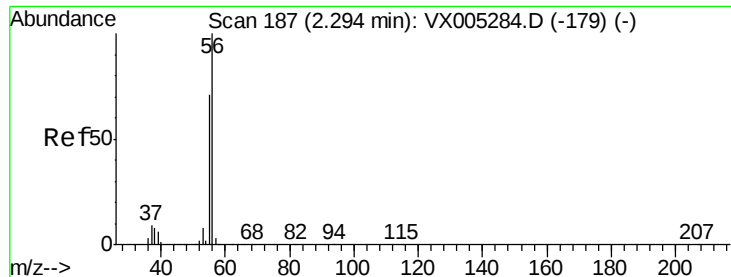
Tgt Ion: 59 Resp: 82203
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4



#12
1,1-Dichloroethene
Concen: 19.00 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 96 Resp: 44585
Ion Ratio Lower Upper
96 100
61 165.2 128.8 193.2
98 62.7 52.2 78.2





#13

Acrolein

Concen: 60.38 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

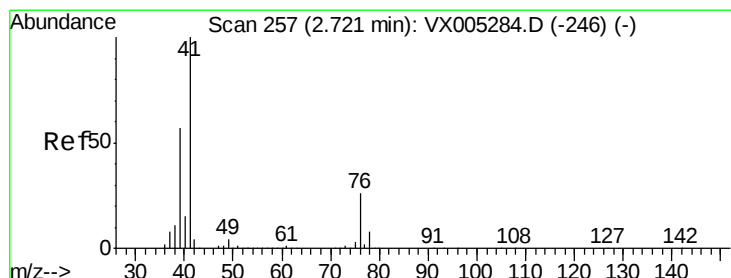
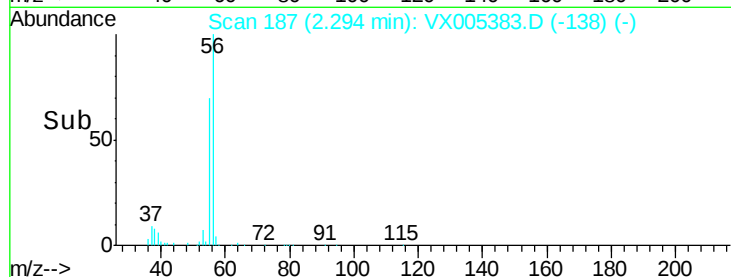
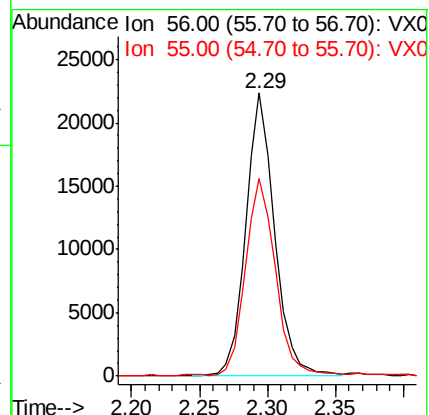
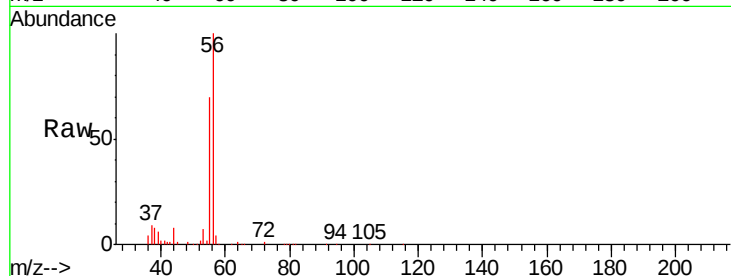
VX1017WBS01

Tgt Ion: 56 Resp: 33191

Ion Ratio Lower Upper

56 100

55 72.1 54.7 82.1



#14

Allyl chloride

Concen: 19.06 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

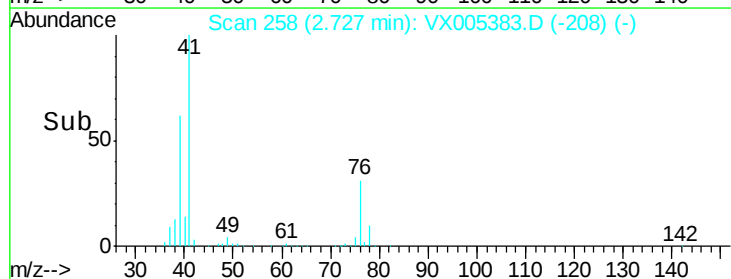
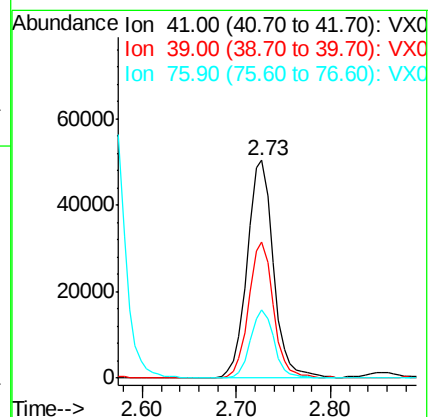
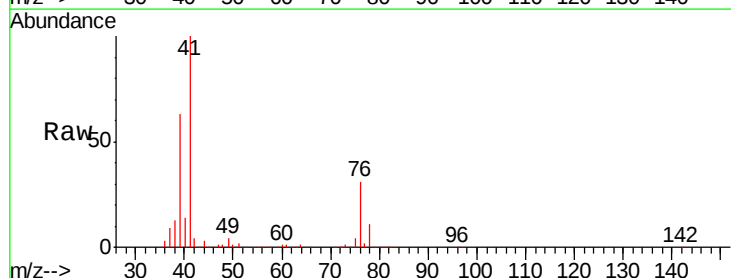
Tgt Ion: 41 Resp: 98199

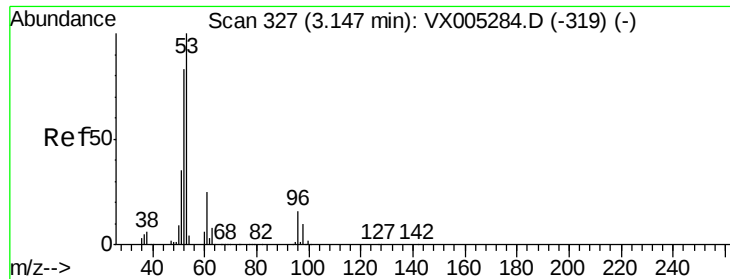
Ion Ratio Lower Upper

41 100

39 58.5 48.9 73.3

76 28.7 26.7 40.1

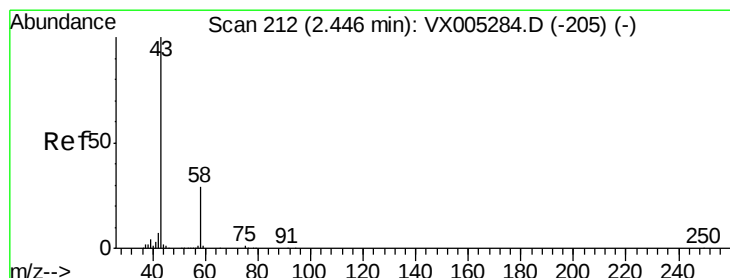
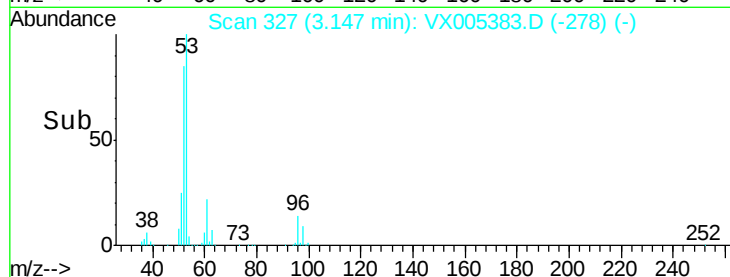
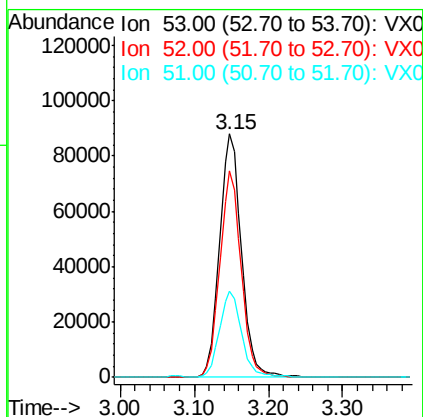
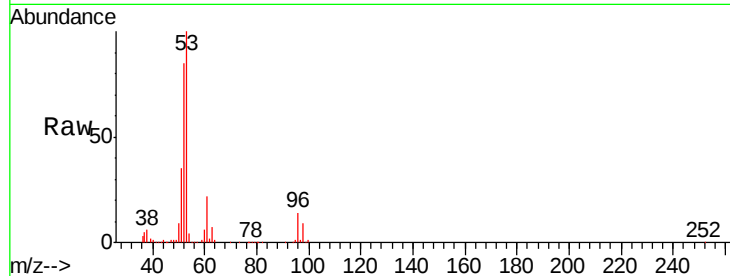




#15
Acrylonitrile
Concen: 93.84 ug/l
RT: 3.15 min Scan# 327
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

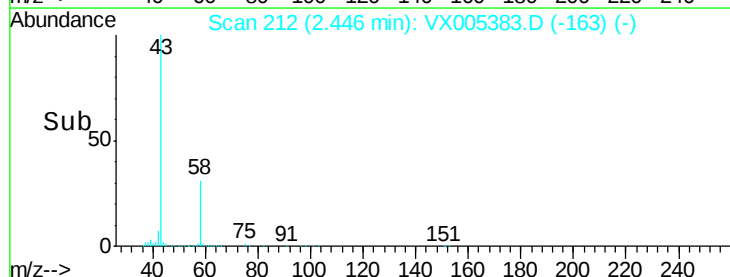
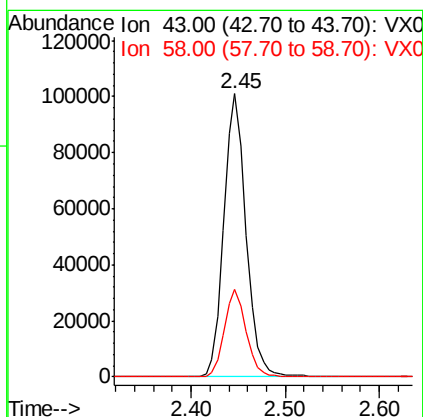
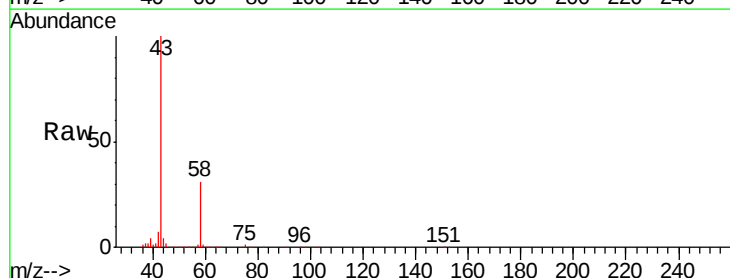
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

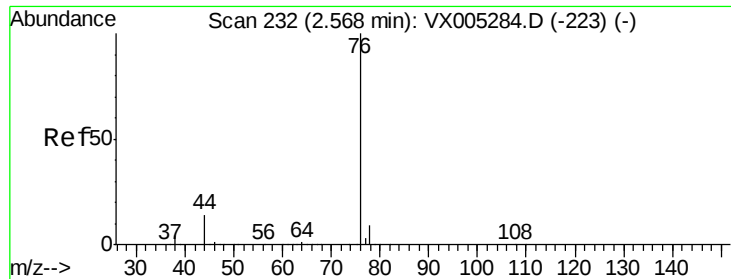
Tgt Ion: 53 Resp: 178342
Ion Ratio Lower Upper
53 100
52 82.6 65.2 97.8
51 35.8 28.2 42.2



#16
Acetone
Concen: 95.37 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 43 Resp: 163936
Ion Ratio Lower Upper
43 100
58 31.1 26.2 39.4

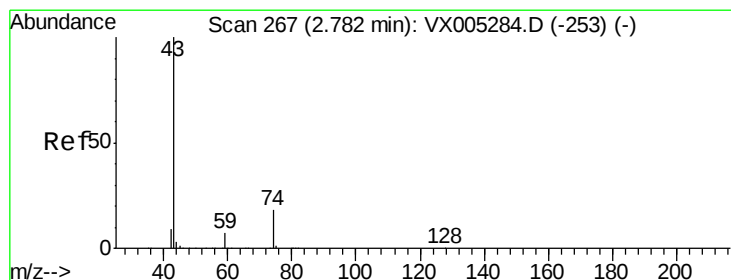
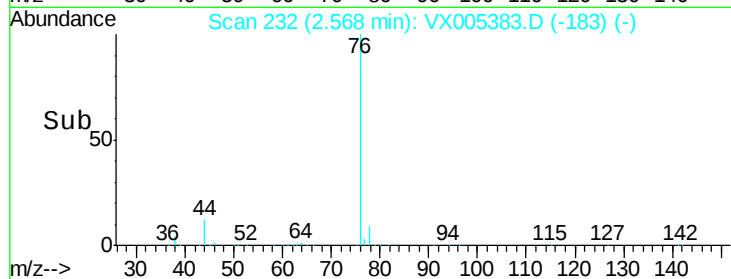
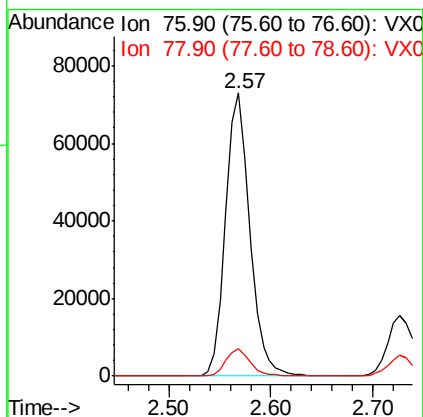
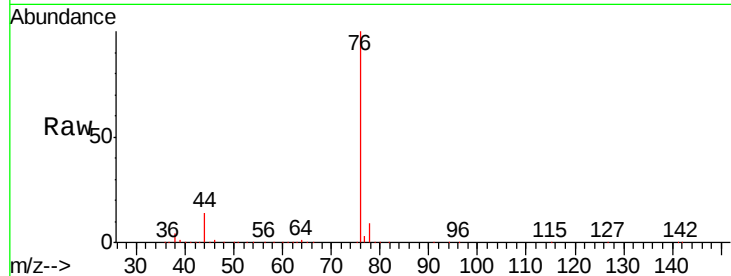




#17
Carbon Disulfide
Concen: 17.00 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

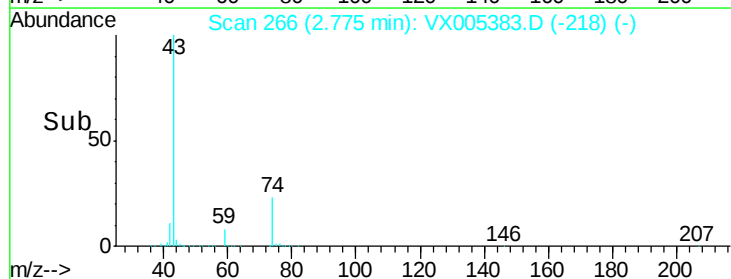
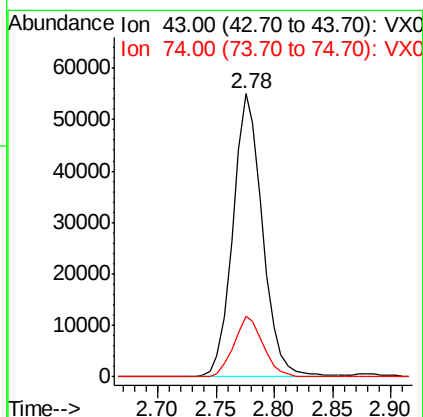
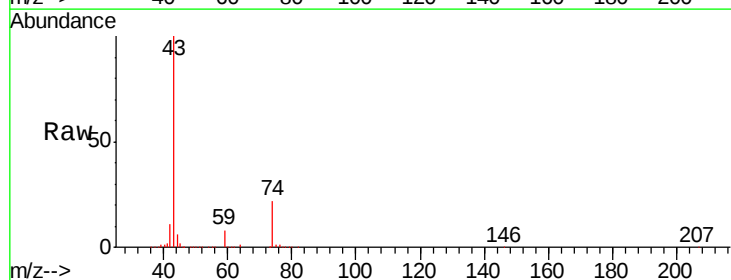
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

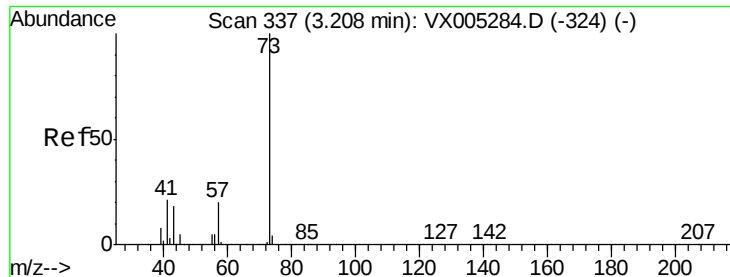
Tgt Ion: 76 Resp: 120817
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.76 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 43 Resp: 96655
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.2

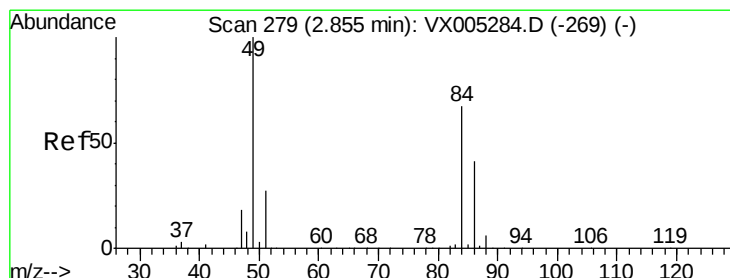
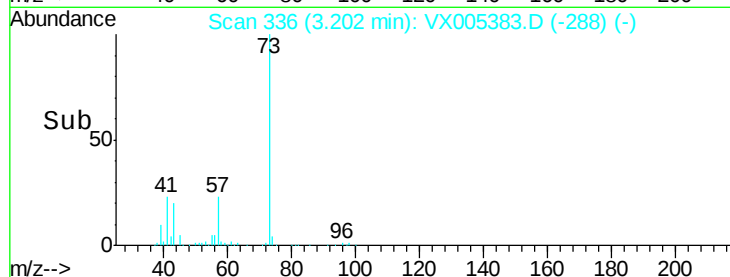
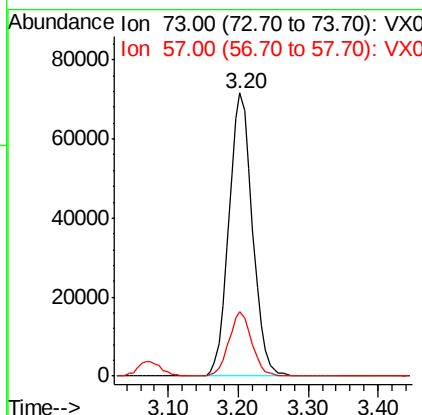
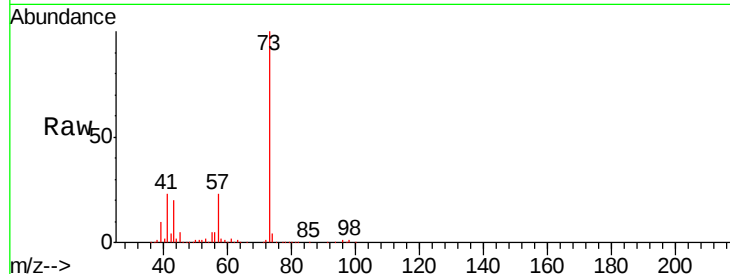




#19
Methyl tert-butyl Ether
Concen: 20.23 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

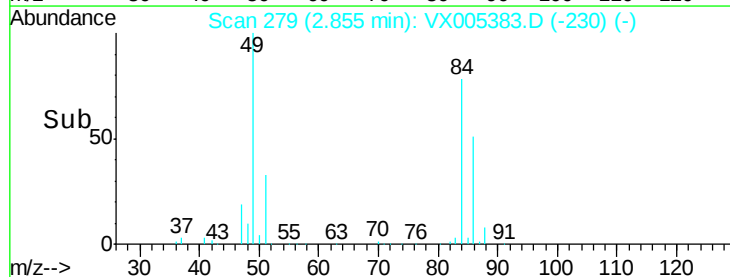
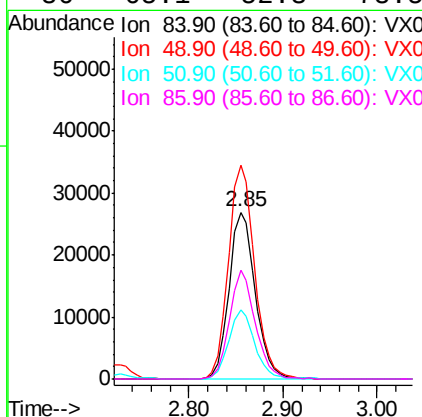
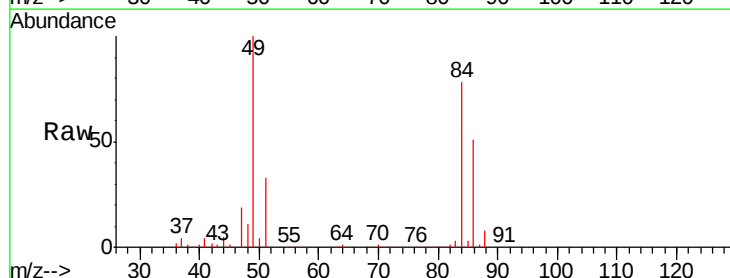
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 73 Resp: 167166
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 20.01 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 84 Resp: 52075
Ion Ratio Lower Upper
84 100
49 128.3 101.2 151.8
51 41.9 29.5 44.3
86 65.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.39 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

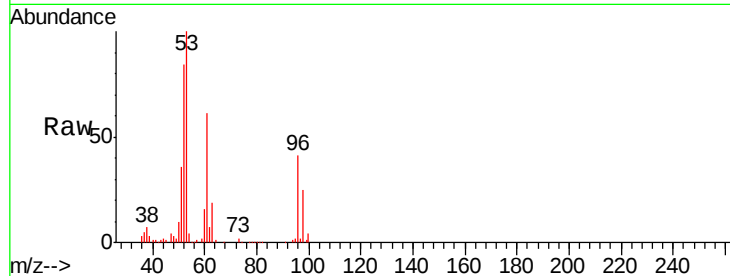
Tgt Ion: 96 Resp: 47811

Ion Ratio Lower Upper

96 100

61 151.1 113.8 170.6

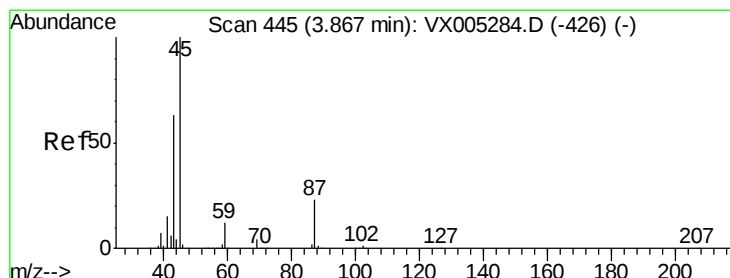
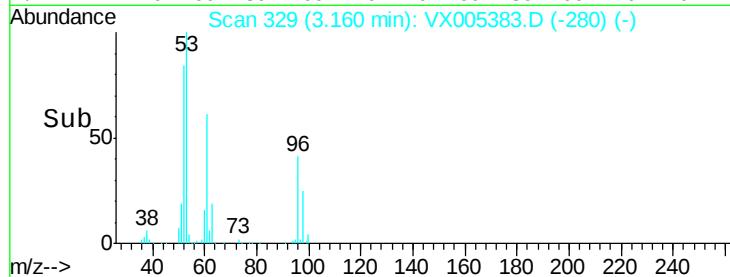
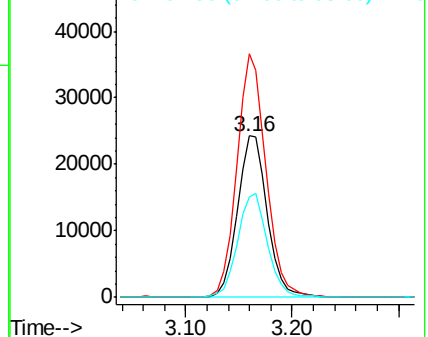
98 62.5 51.8 77.8



Abundance Ion 95.90 (95.60 to 96.60): VX005383.D (-280) (-)

Ion 60.90 (60.60 to 61.60): VX005383.D (-280) (-)

Ion 97.90 (97.60 to 98.60): VX005383.D (-280) (-)



#22

Diisopropyl ether

Concen: 18.43 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Tgt Ion: 45 Resp: 159455

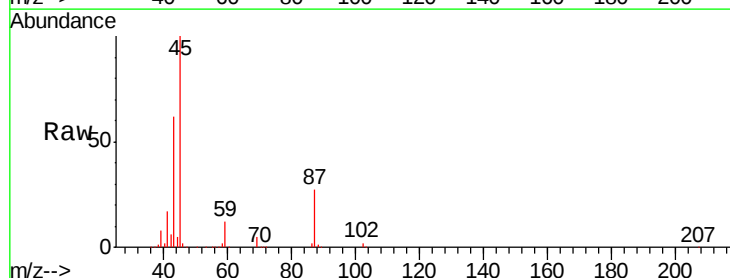
Ion Ratio Lower Upper

45 100

43 62.0 42.8 64.2

87 26.9 22.6 34.0

59 11.7 9.6 14.4

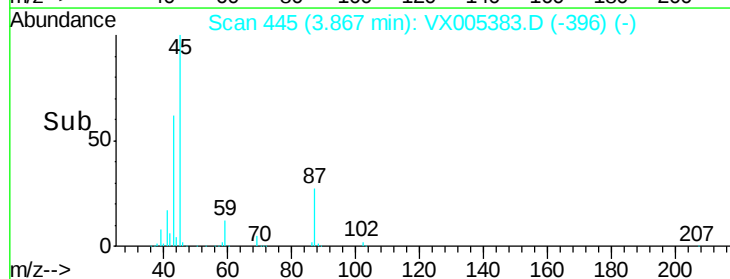
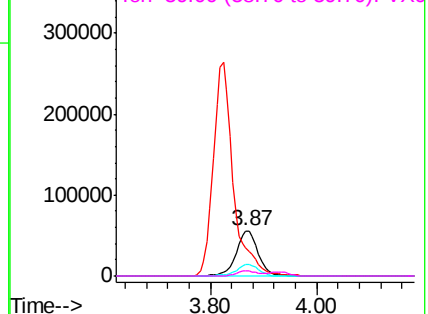


Abundance Ion 45.00 (44.70 to 45.70): VX005383.D (-396) (-)

Ion 43.00 (42.70 to 43.70): VX005383.D (-396) (-)

Ion 87.00 (86.70 to 87.70): VX005383.D (-396) (-)

Ion 59.00 (58.70 to 59.70): VX005383.D (-396) (-)

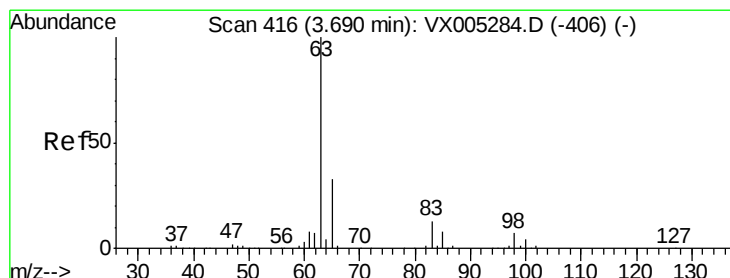
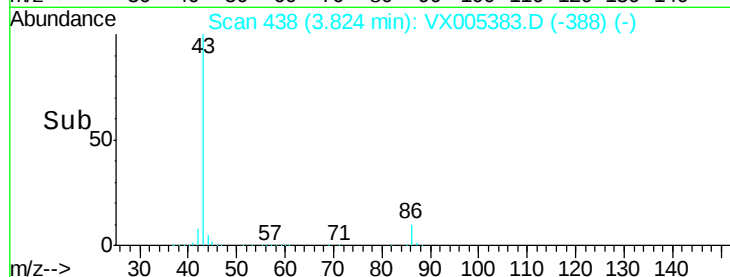
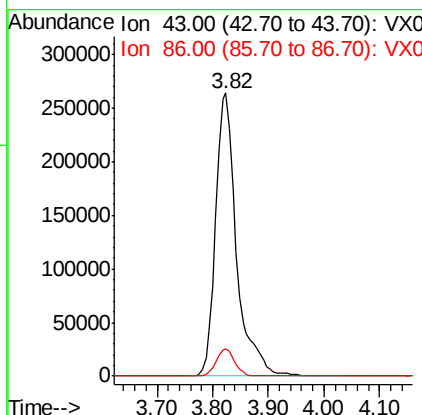
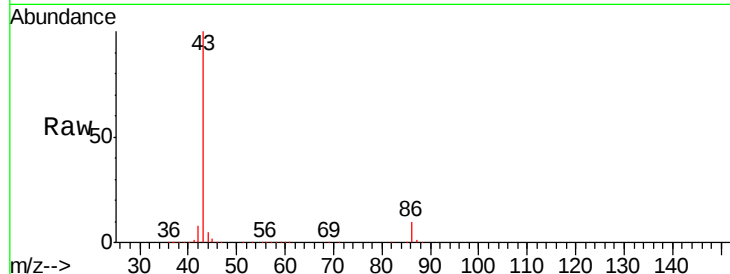




#23
 Vinyl Acetate
 Concen: 90.98 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

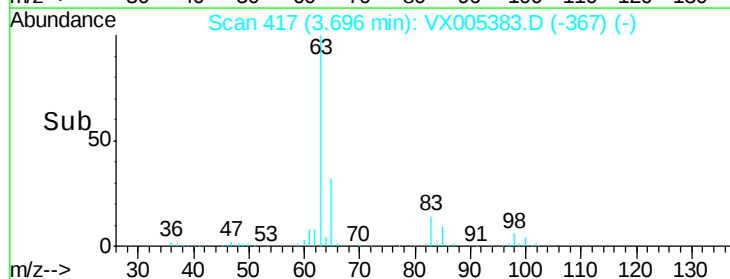
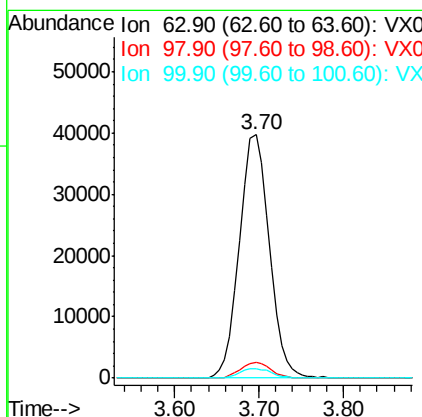
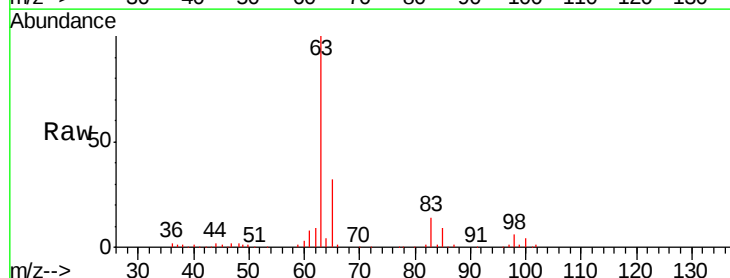
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

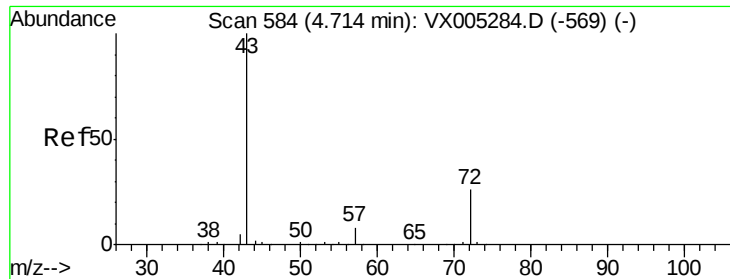
Tgt Ion: 43 Resp: 688012
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 19.22 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 63 Resp: 95315
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.0 2.4 7.1





#25

2-Butanone

Concen: 91.47 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.02 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

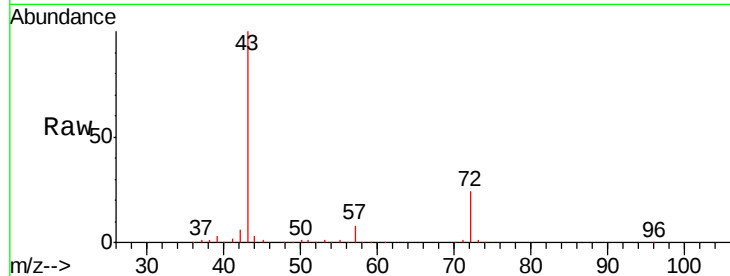
VX1017WBS01

Tgt Ion: 43 Resp: 230054

Ion Ratio Lower Upper

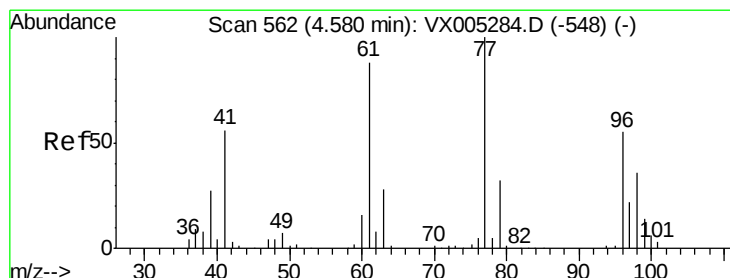
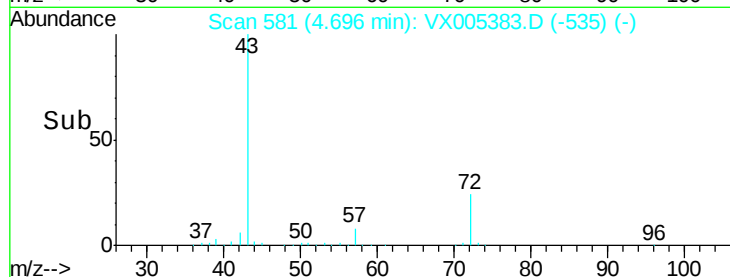
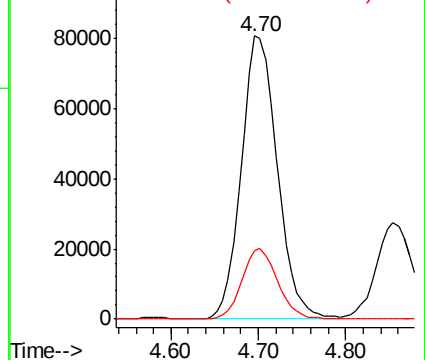
43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.77 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005383.D

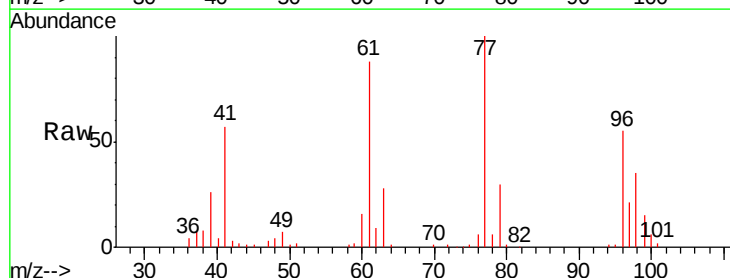
Acq: 17 Oct 2018 10:24

Tgt Ion: 77 Resp: 69611

Ion Ratio Lower Upper

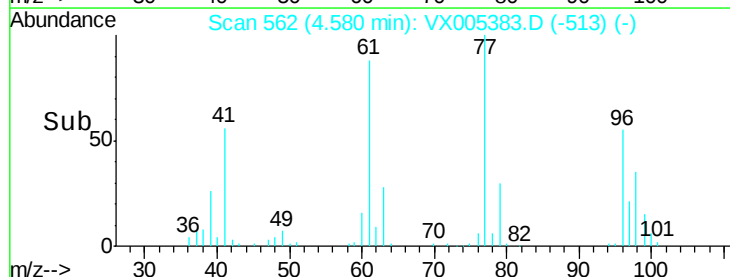
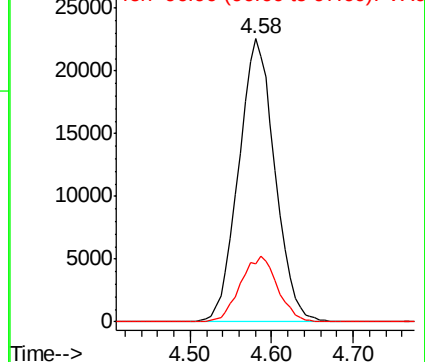
77 100

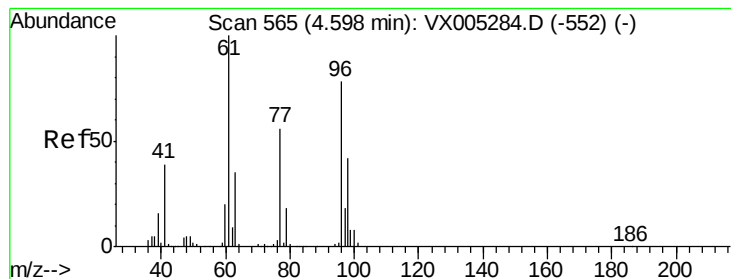
97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 18.01 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

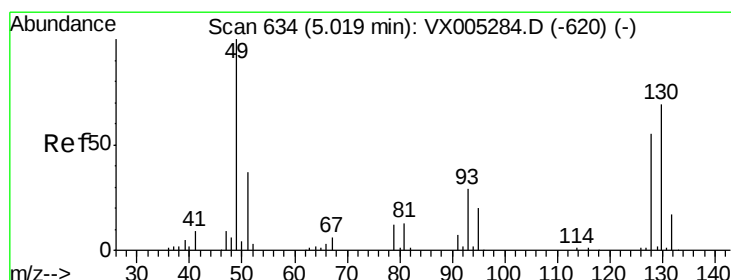
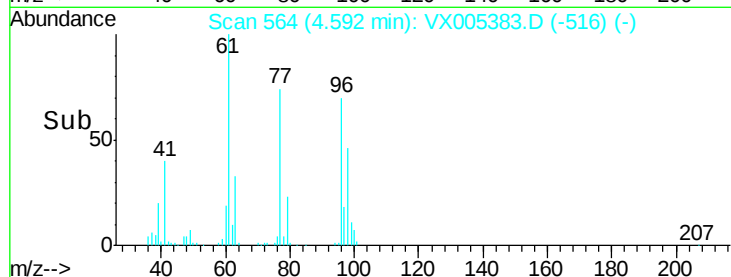
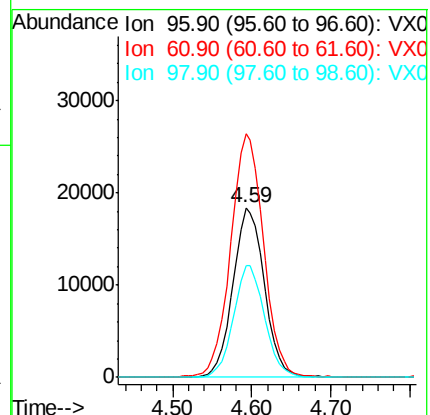
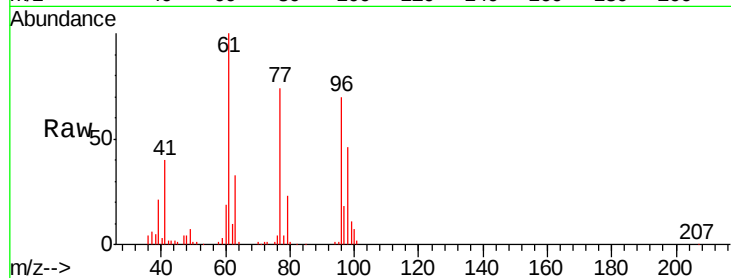
Tgt Ion: 96 Resp: 50902

Ion Ratio Lower Upper

96 100

61 150.6 0.0 282.6

98 65.3 0.0 130.2



#28

Bromochloromethane

Concen: 20.48 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

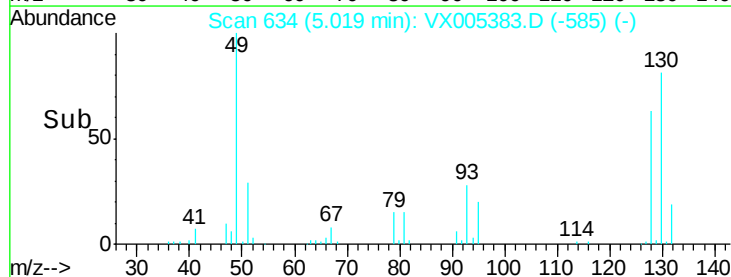
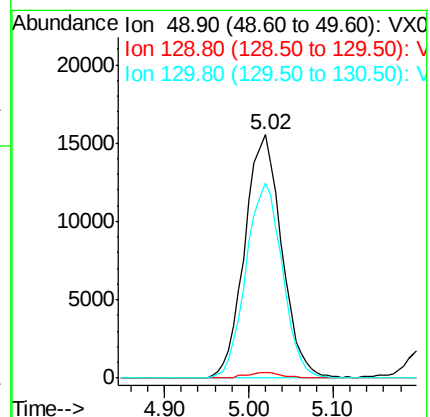
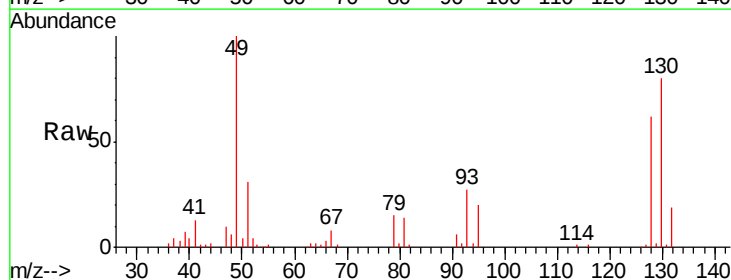
Tgt Ion: 49 Resp: 46298

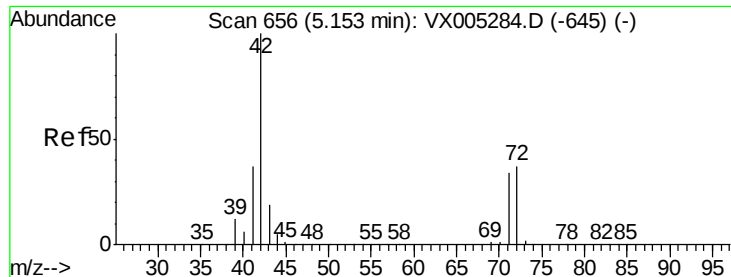
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

130 78.8 67.5 101.3

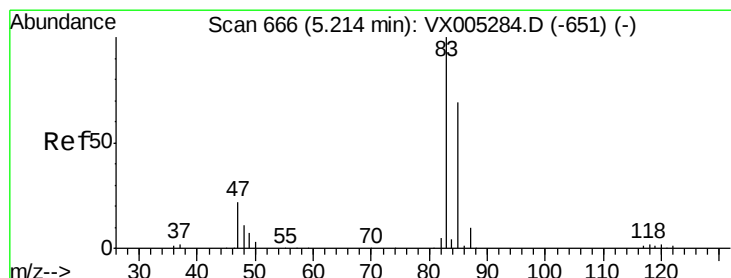
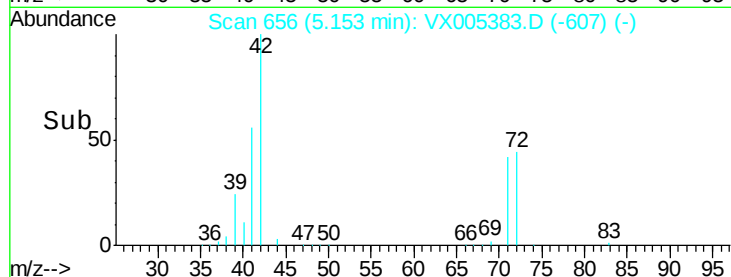
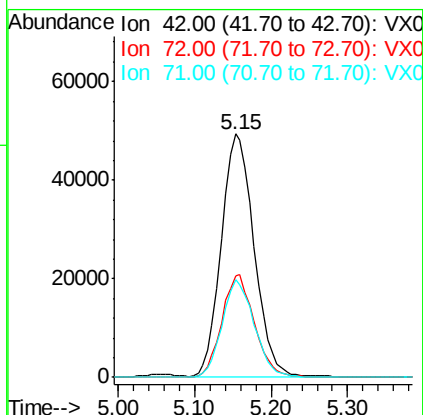
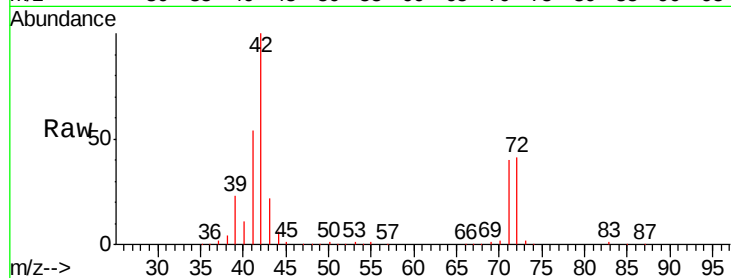




#29
Tetrahydrofuran
Concen: 90.77 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

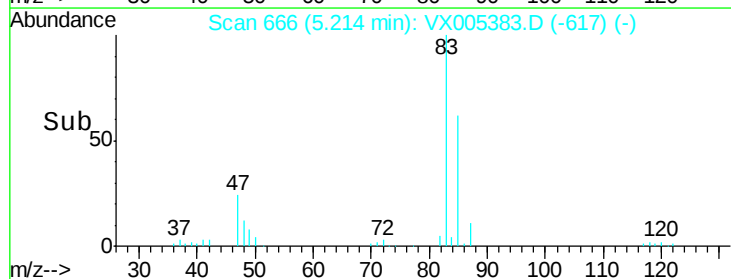
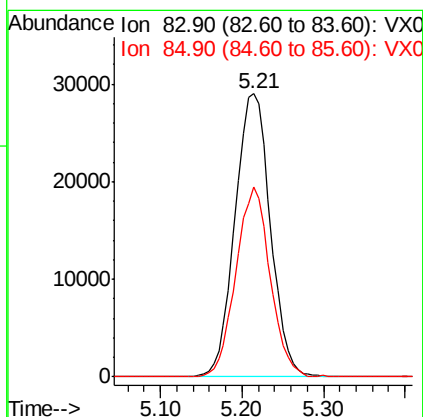
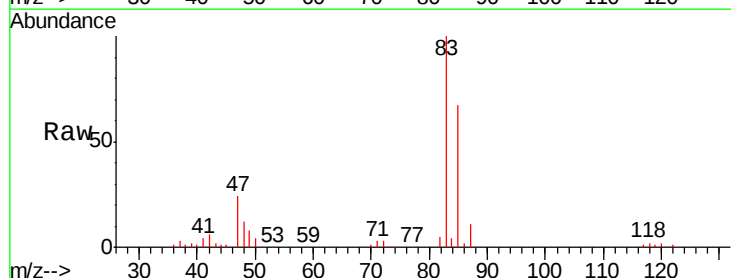
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

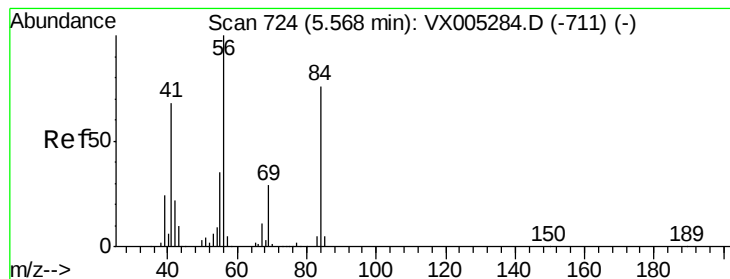
Tgt Ion: 42 Resp: 145623
Ion Ratio Lower Upper
42 100
72 42.3 37.4 56.0
71 39.8 34.5 51.7



#30
Chloroform
Concen: 18.97 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 83 Resp: 87298
Ion Ratio Lower Upper
83 100
85 67.0 52.6 79.0





#31

Cyclohexane

Concen: 17.83 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

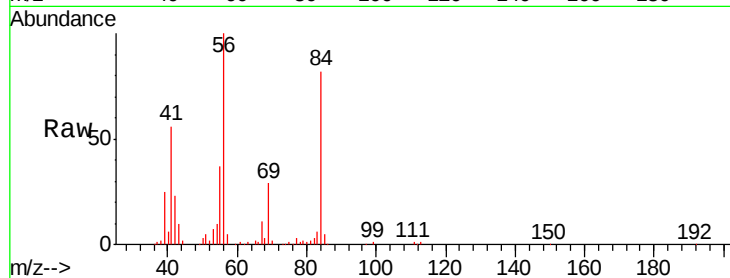
Tgt Ion: 56 Resp: 72875

Ion Ratio Lower Upper

56 100

69 29.0 25.4 38.2

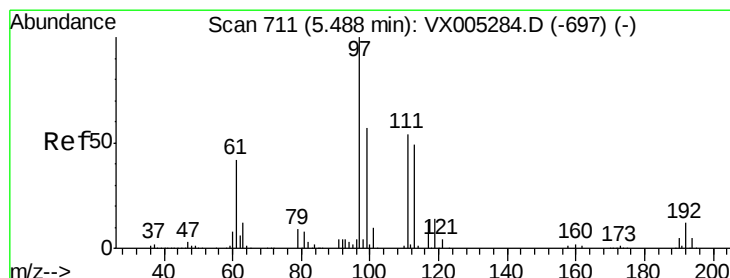
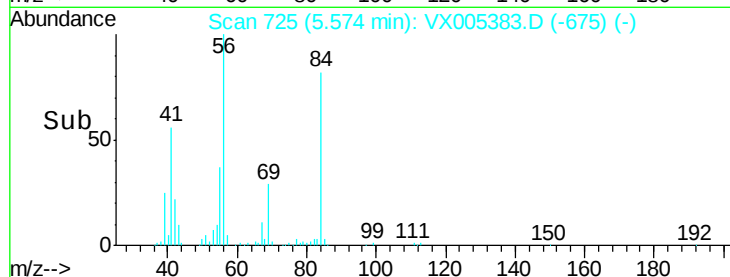
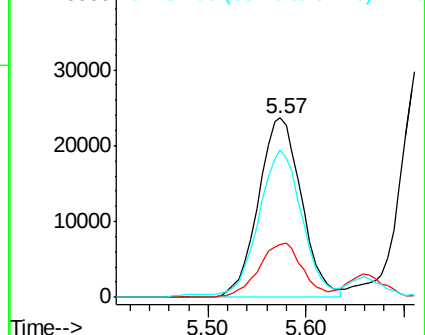
84 81.1 71.4 107.2



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: 18.83 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

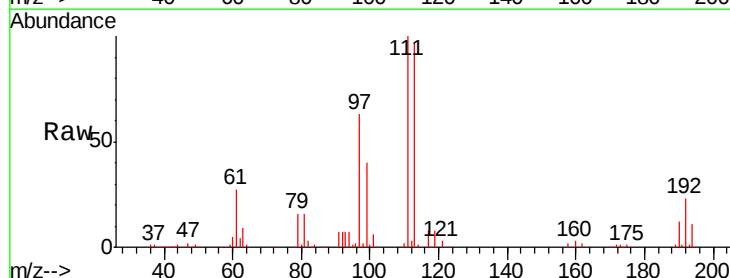
Tgt Ion: 97 Resp: 75403

Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

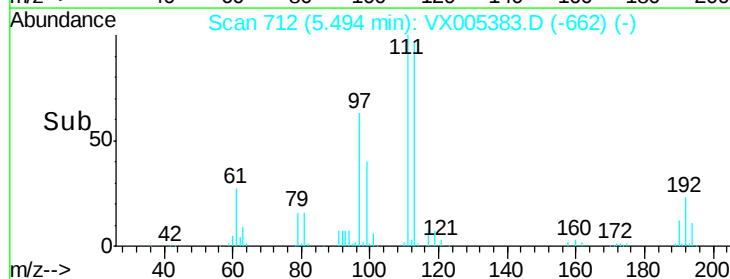
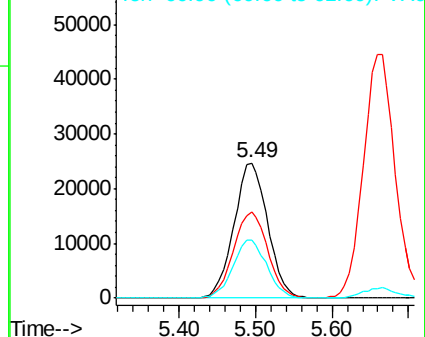
61 43.2 34.9 52.3

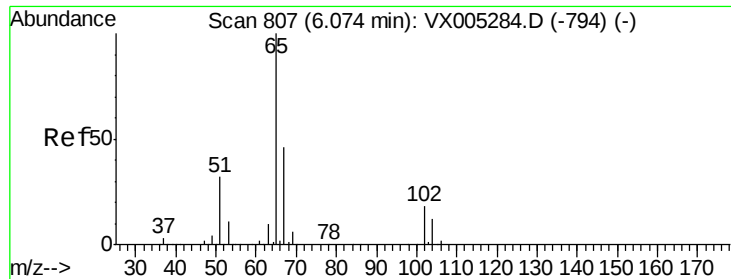


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

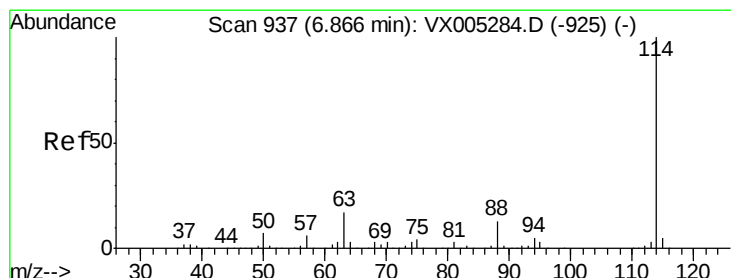
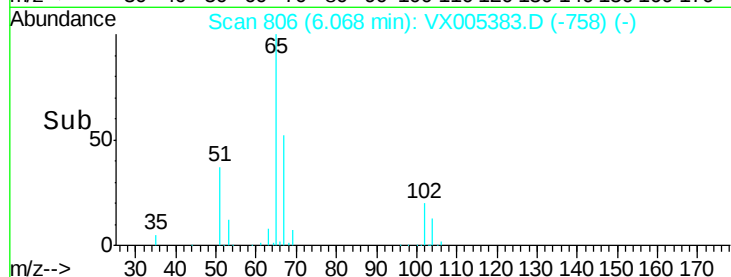
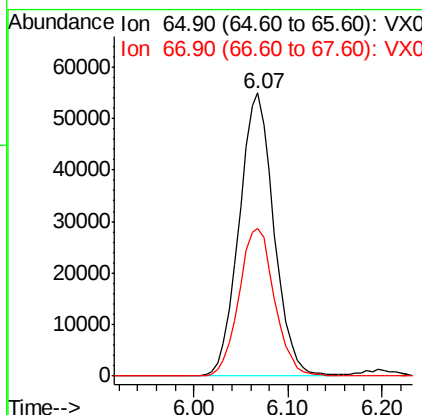
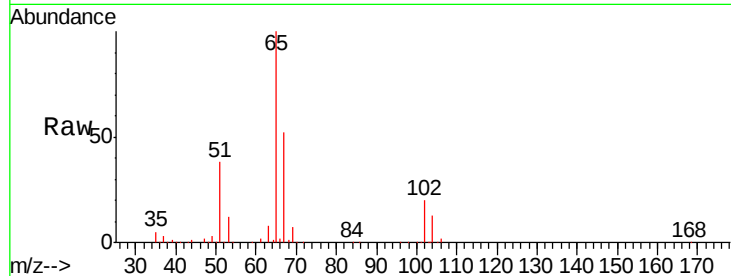




#33
 1,2-Dichloroethane-d4
 Concen: 47.75 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

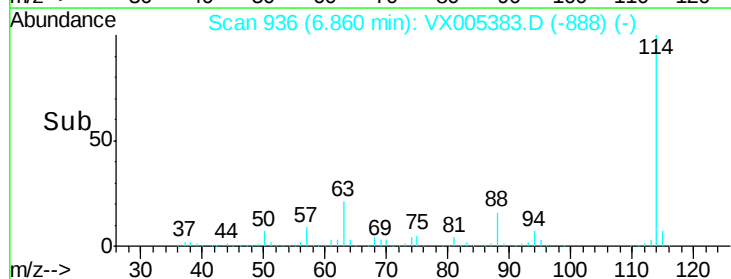
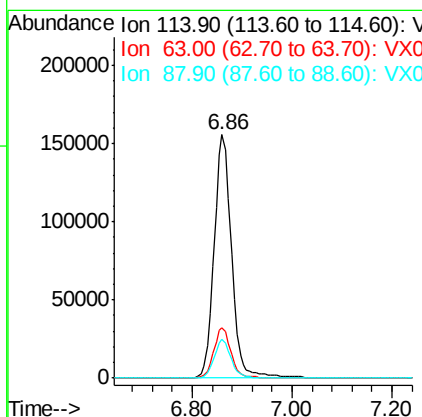
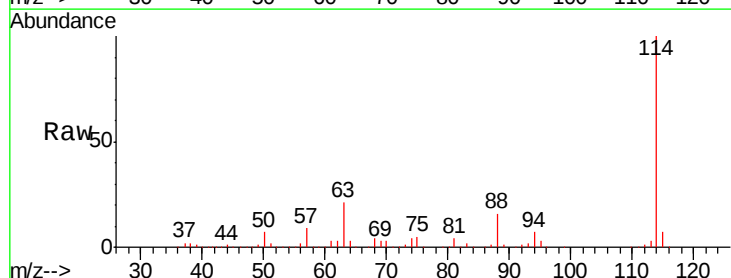
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

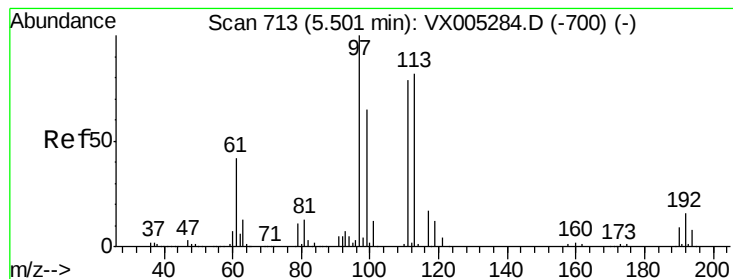
Tgt Ion: 65 Resp: 141951
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 114 Resp: 380611
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.0
 88 16.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.26 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

VX1017WBS01

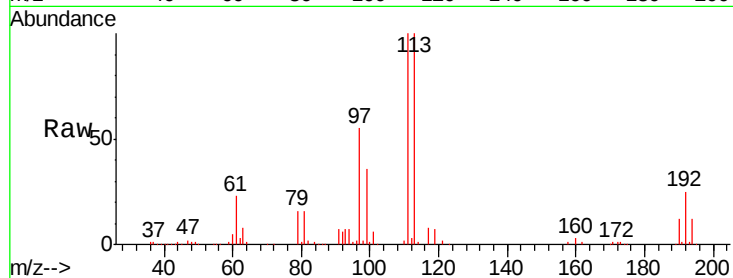
Tgt Ion:113 Resp: 116625

Ion Ratio Lower Upper

113 100

111 101.2 82.4 123.6

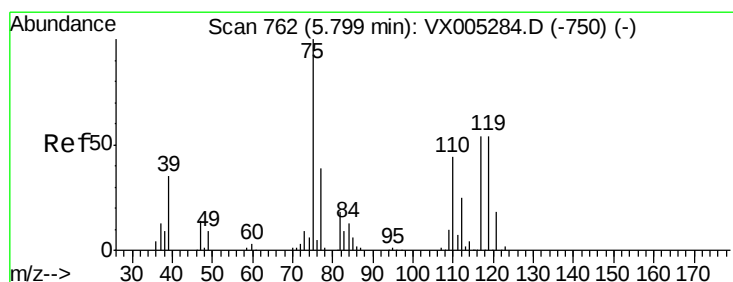
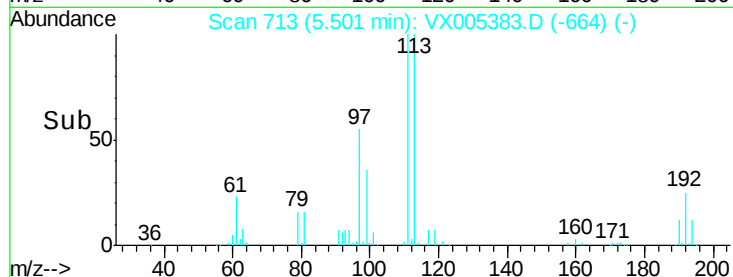
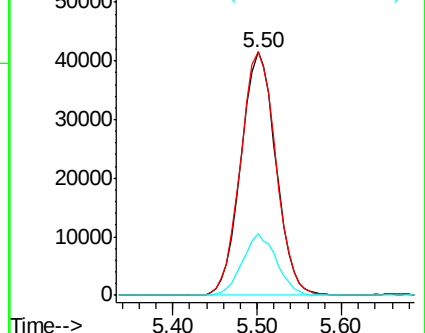
192 24.6 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.94 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

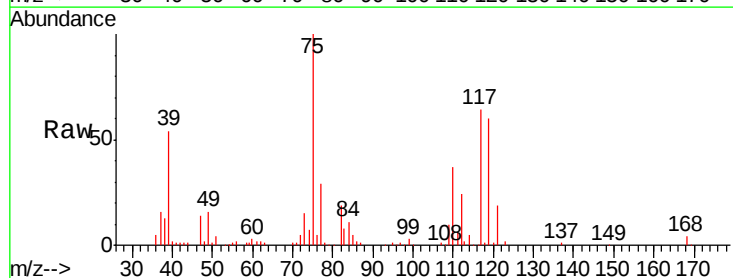
Tgt Ion: 75 Resp: 62460

Ion Ratio Lower Upper

75 100

110 36.7 18.0 54.0

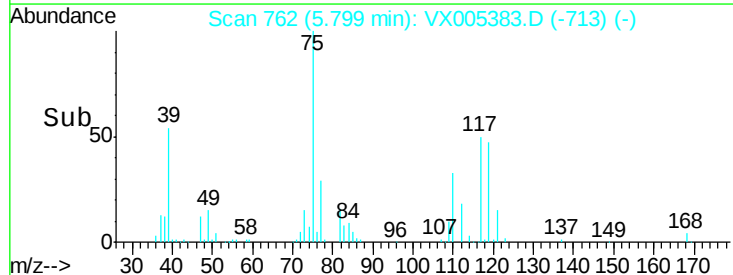
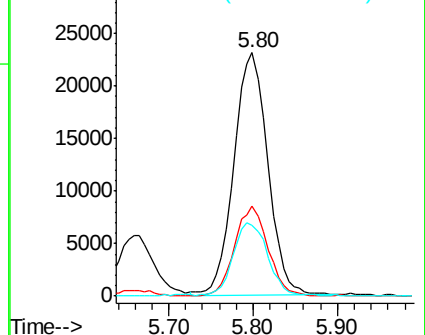
77 30.6 24.6 36.8

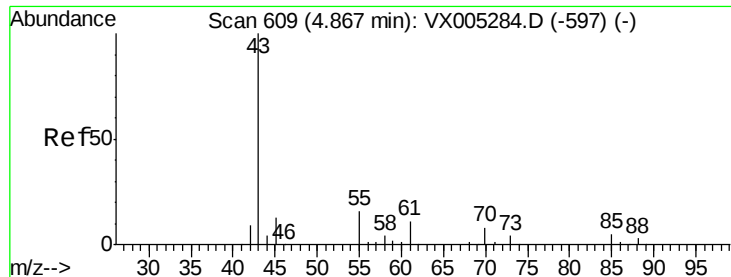


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 17.14 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

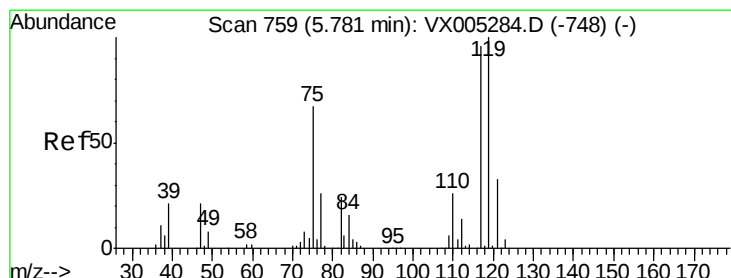
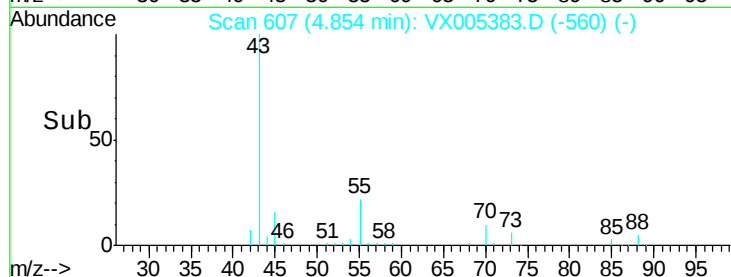
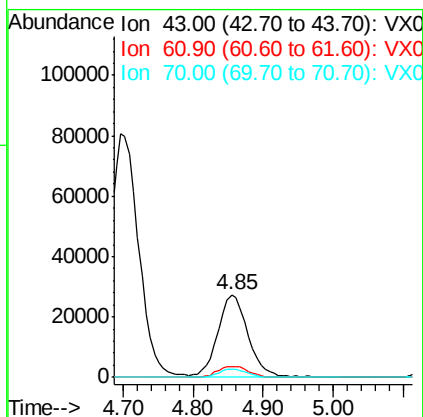
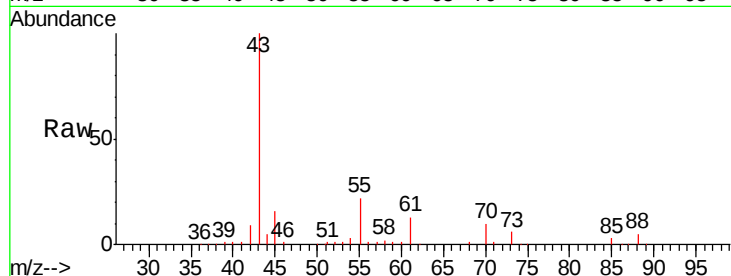
Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :
MSVOA_X
ClientSampled :
VX1017WBS01

Tgt Ion: 43 Resp: 81272

Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.5	17.3
70	10.3	9.0	13.6



#38

Carbon Tetrachloride

Concen: 17.92 ug/l

RT: 5.78 min Scan# 759

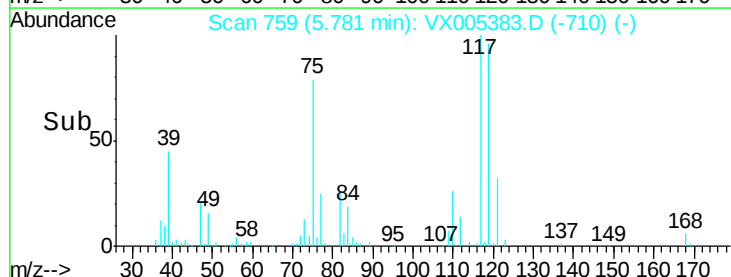
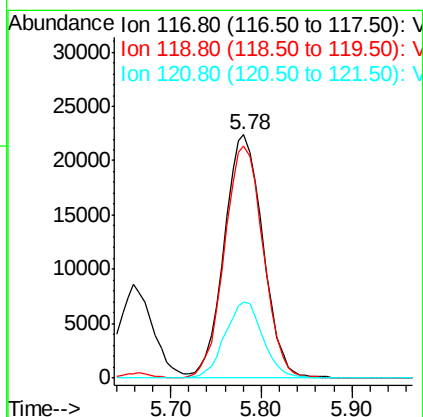
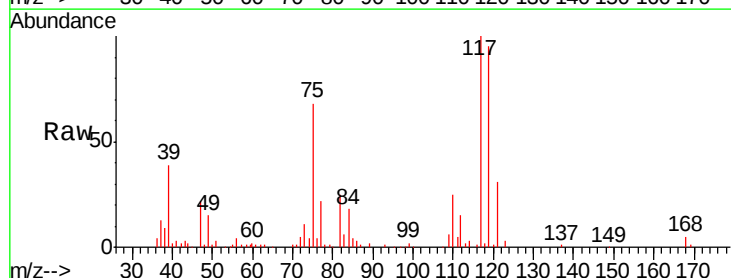
Delta R.T. -0.00 min

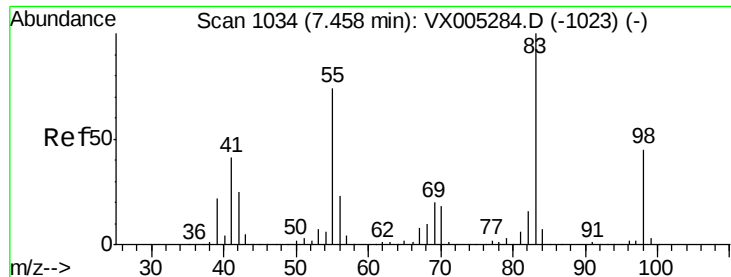
Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Tgt Ion: 117 Resp: 66378

Ion	Ratio	Lower	Upper
117	100		
119	95.1	78.8	118.2
121	31.3	24.9	37.3

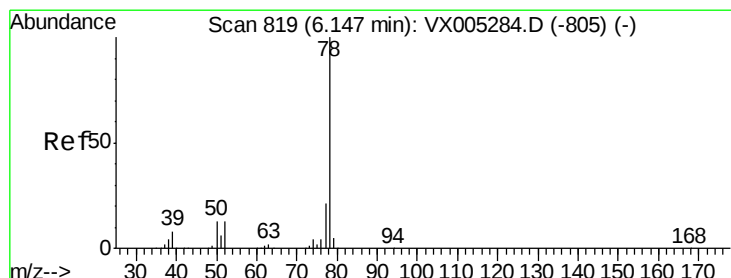
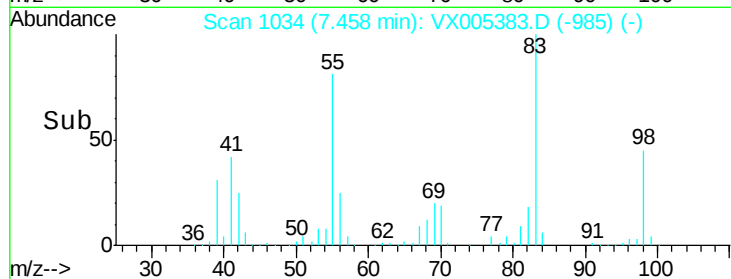
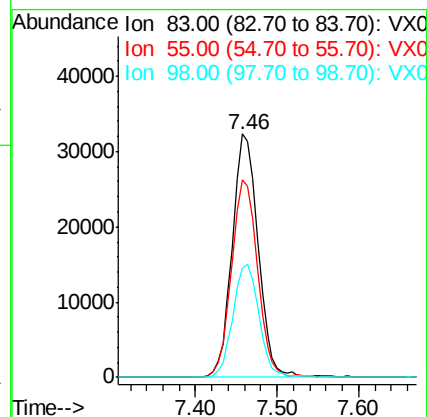
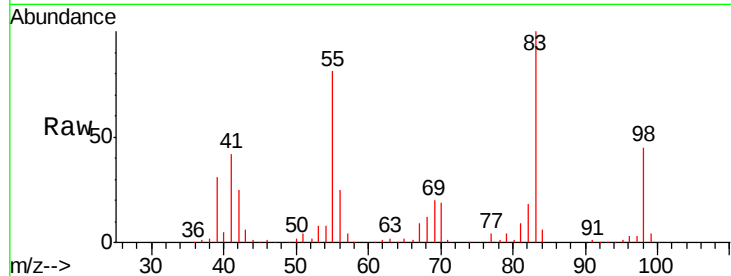




#39
Methylcyclohexane
Concen: 17.79 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

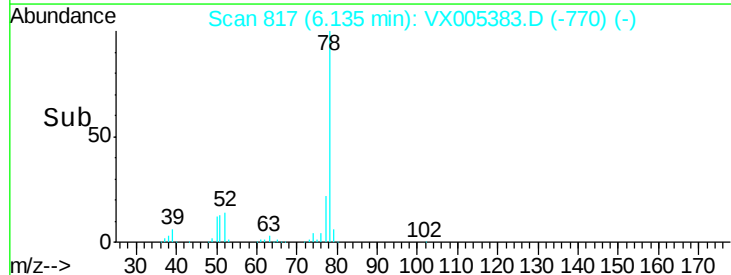
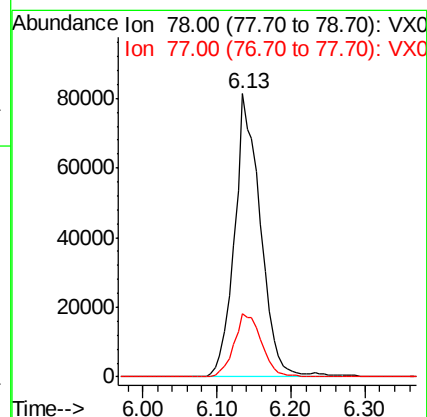
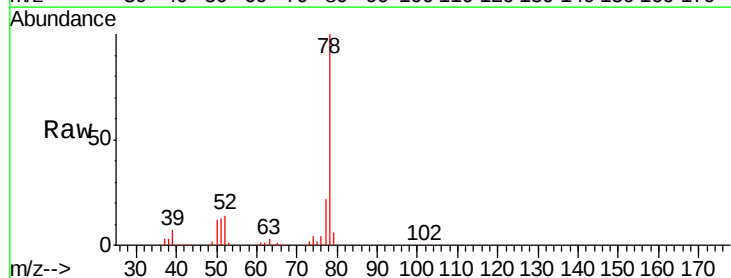
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

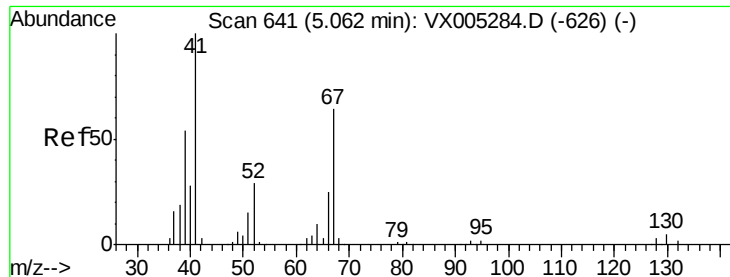
Tgt Ion: 83 Resp: 70966
Ion Ratio Lower Upper
83 100
55 81.1 61.0 91.4
98 45.0 39.6 59.4



#40
Benzene
Concen: 17.93 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 78 Resp: 198284
Ion Ratio Lower Upper
78 100
77 22.2 19.0 28.4

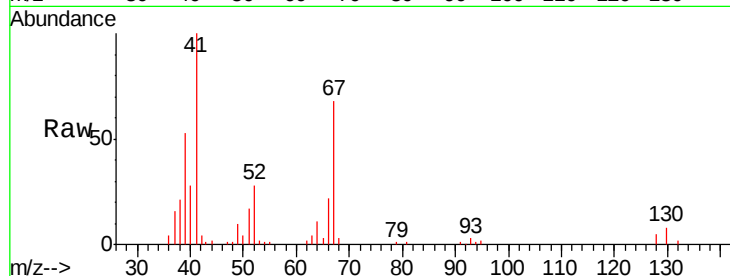




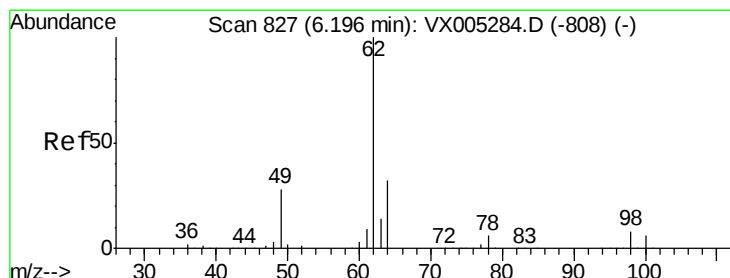
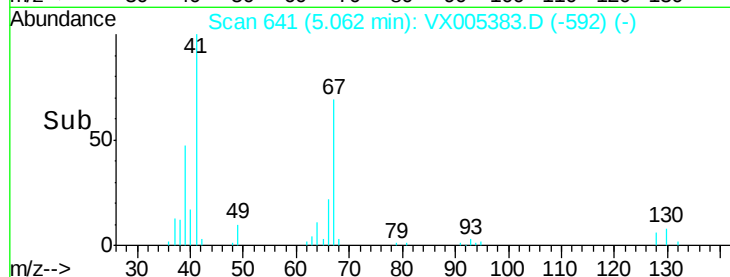
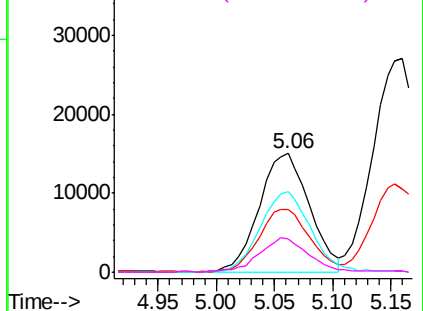
#41
Methacrylonitrile
Concen: 17.78 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:	41	Resp:	45180
Ion	Ratio	Lower	Upper
41	100		
39	54.1	42.4	63.6
67	68.5	59.2	88.8
52	27.7	23.0	34.4

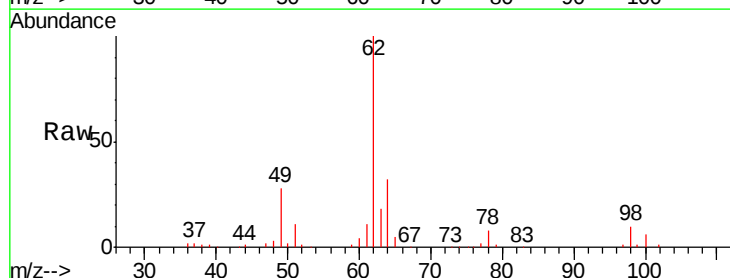


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

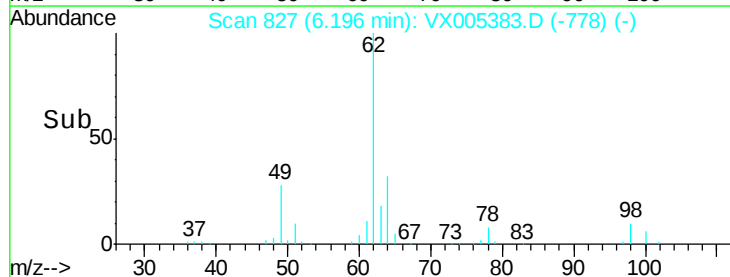
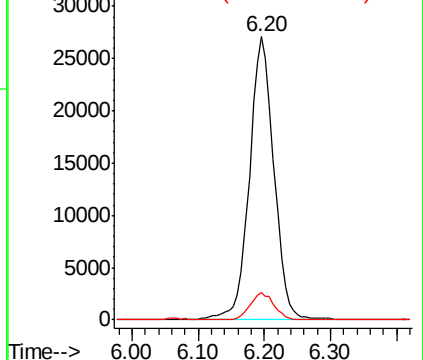


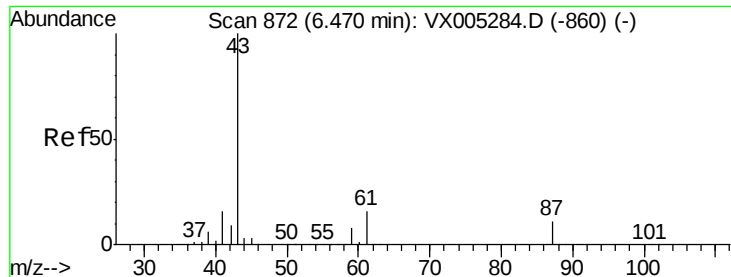
#42
1,2-Dichloroethane
Concen: 17.96 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion:	62	Resp:	70113
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6



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





#43

Isopropyl Acetate

Concen: 18.87 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

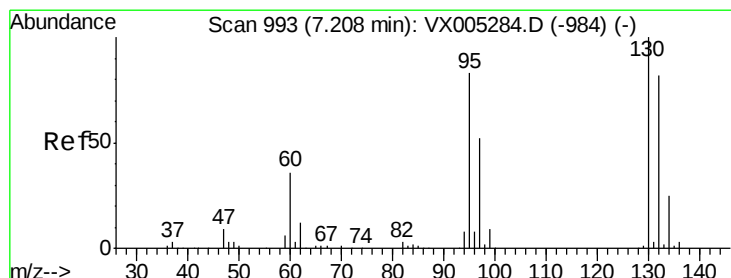
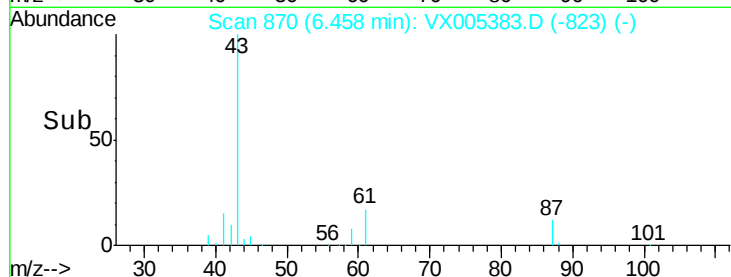
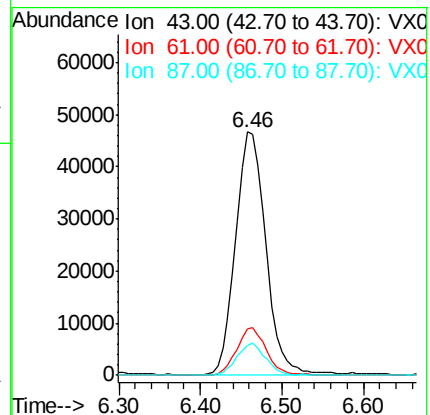
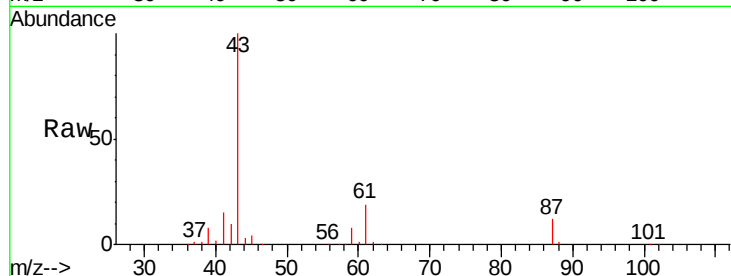
Tgt Ion: 43 Resp: 119178

Ion Ratio Lower Upper

43 100

61 19.5 17.0 25.4

87 12.8 11.4 17.2



#44

Trichloroethene

Concen: 19.01 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.01 min

Lab File: VX005383.D

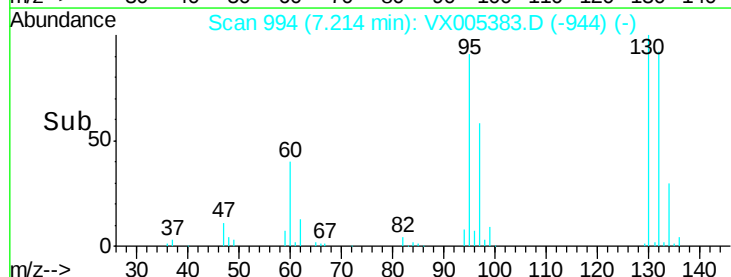
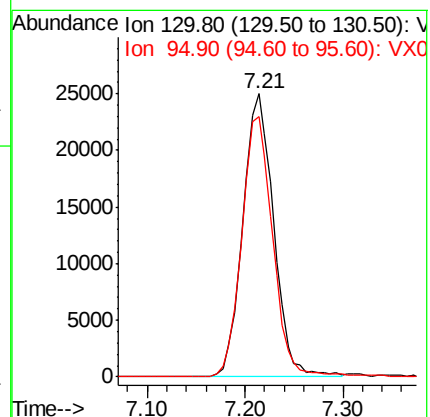
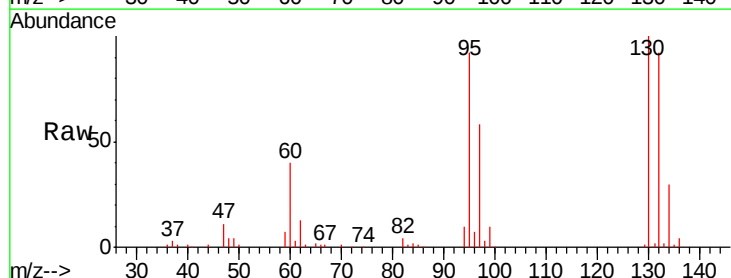
Acq: 17 Oct 2018 10:24

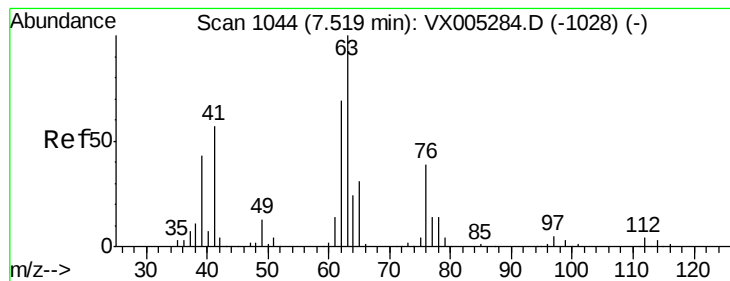
Tgt Ion: 130 Resp: 54776

Ion Ratio Lower Upper

130 100

95 92.1 0.0 181.6





#45

1,2-Dichloropropane

Concen: 19.09 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

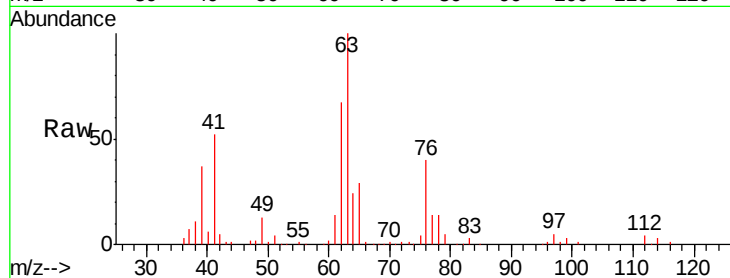
VX1017WBS01

Tgt Ion: 63 Resp: 51788

Ion Ratio Lower Upper

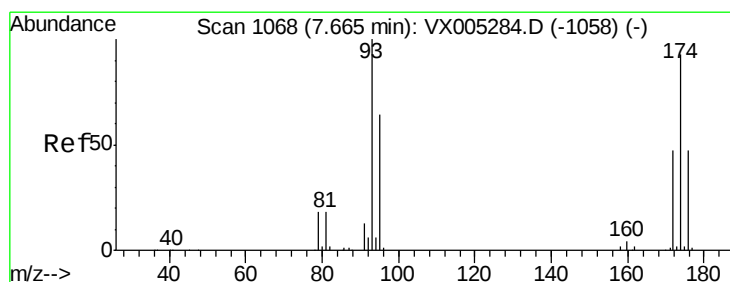
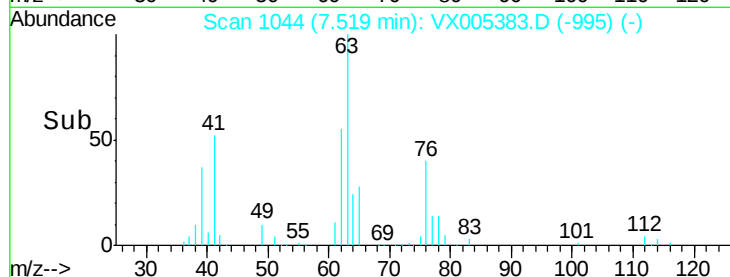
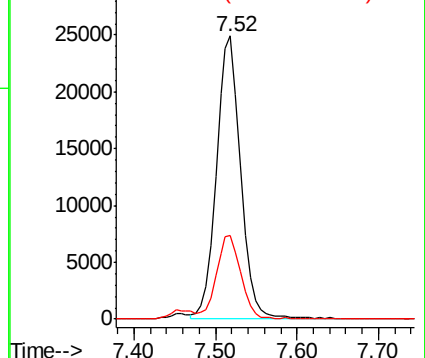
63 100

65 29.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.02 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

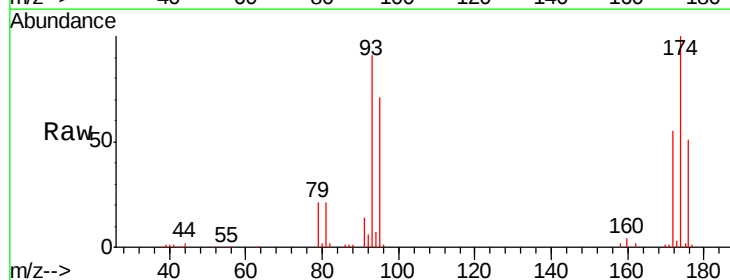
Tgt Ion: 93 Resp: 34046

Ion Ratio Lower Upper

93 100

95 81.1 65.5 98.3

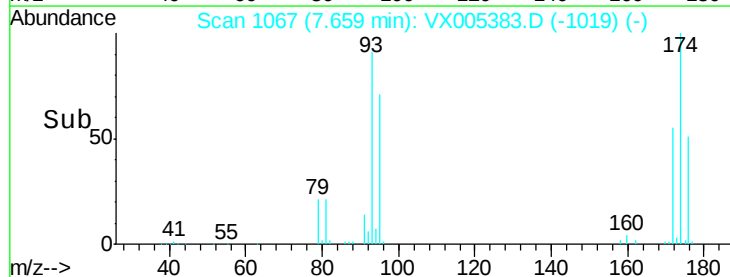
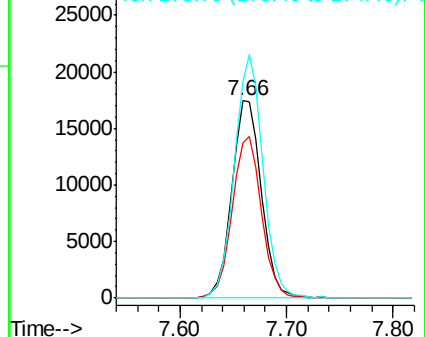
174 118.6 94.2 141.4

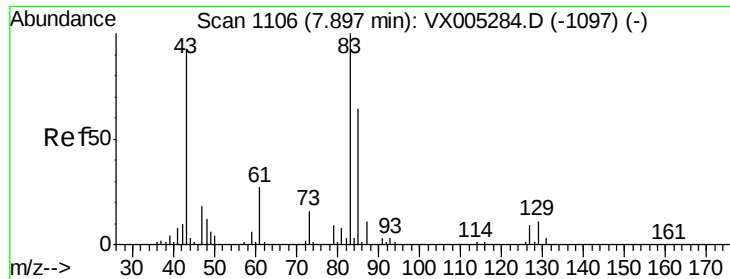


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.27 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

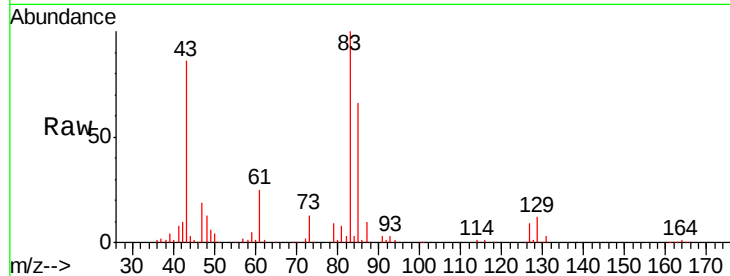
Tgt Ion: 83 Resp: 63808

Ion Ratio Lower Upper

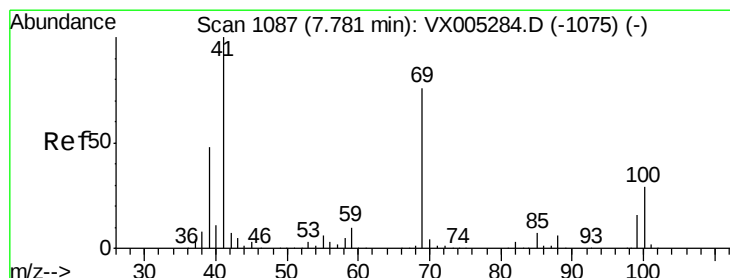
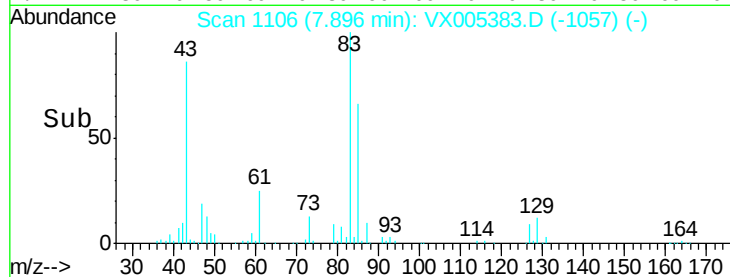
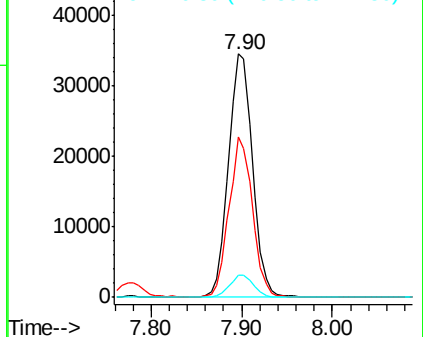
83 100

85 65.7 50.9 76.3

127 8.9 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: 19.02 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

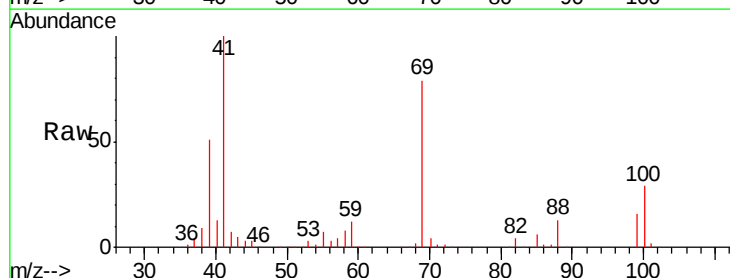
Tgt Ion: 41 Resp: 62303

Ion Ratio Lower Upper

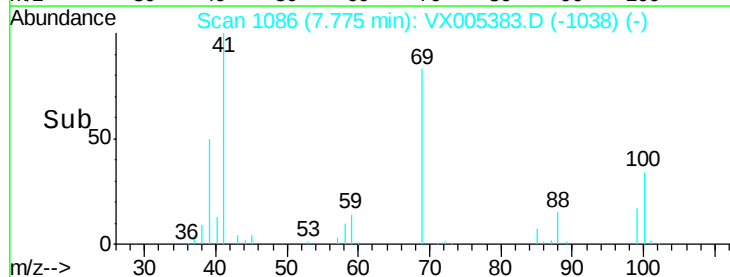
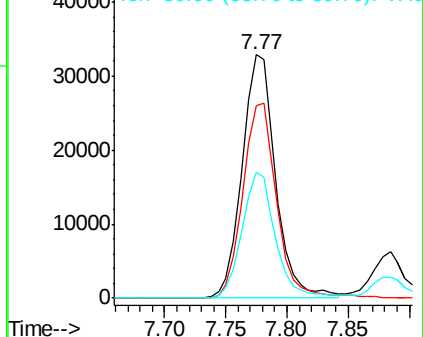
41 100

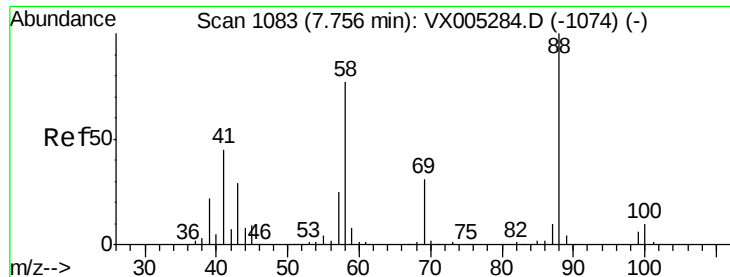
69 81.9 70.2 105.4

39 52.1 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

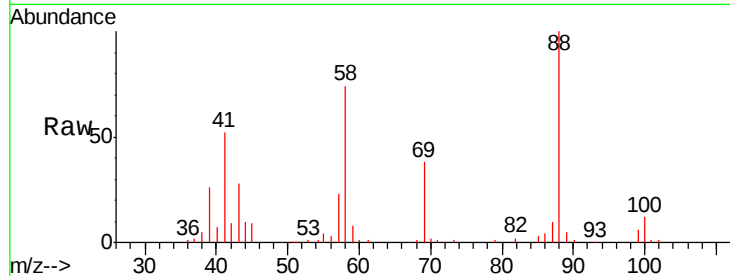




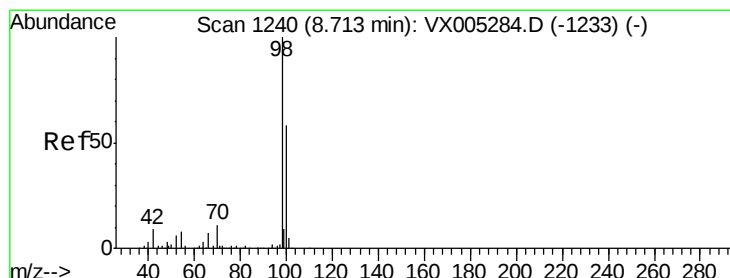
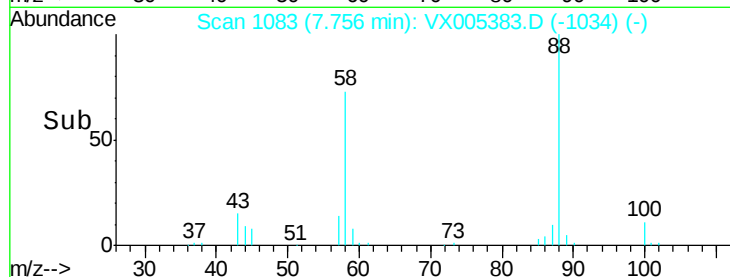
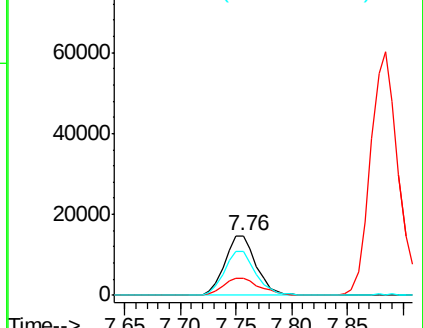
#49
 1,4-Dioxane
 Concen: 382.56 ug/l
 RT: 7.76 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tgt Ion: 88 Resp: 28899
 Ion Ratio Lower Upper
 88 100
 43 33.9 24.7 37.1
 58 74.7 55.3 82.9

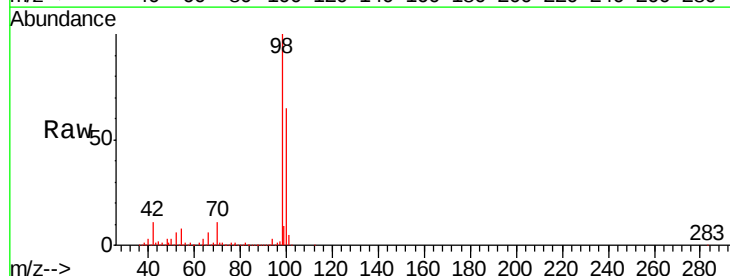


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

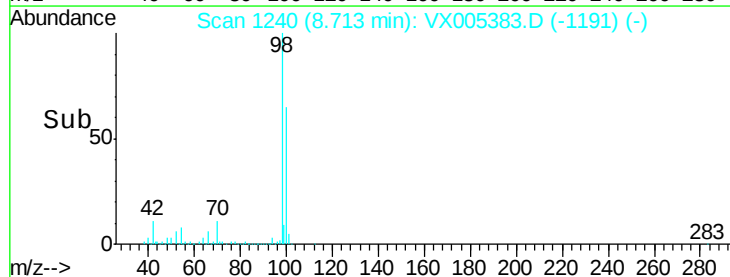
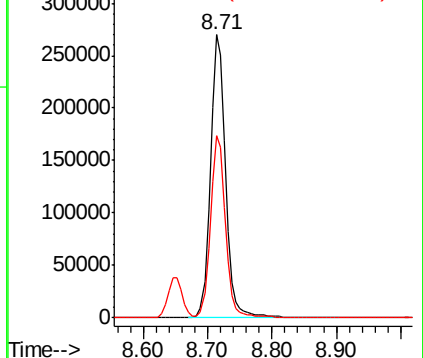


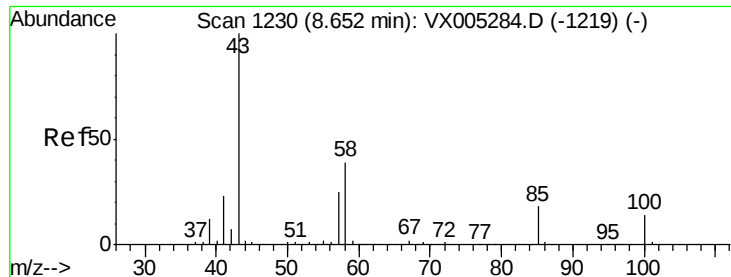
#50
 Toluene-d8
 Concen: 51.11 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 98 Resp: 442327
 Ion Ratio Lower Upper
 98 100
 100 64.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

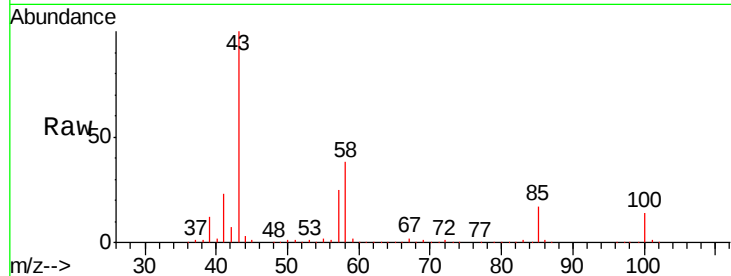




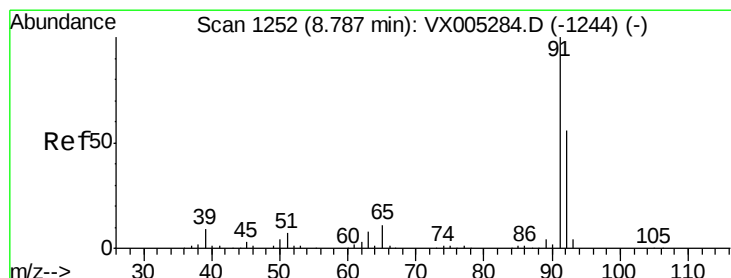
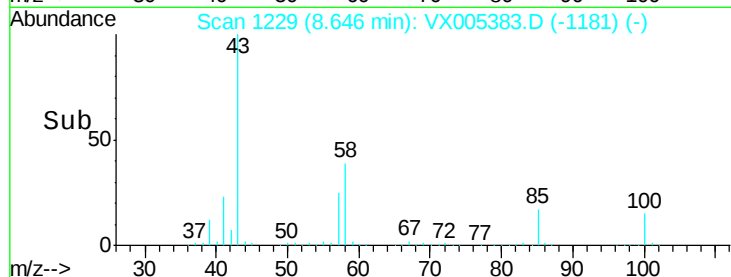
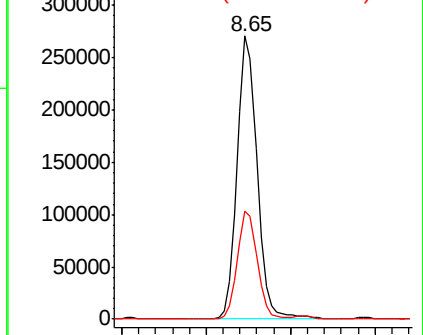
#51
 4-Methyl-2-Pentanone
 Concen: 98.74 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tgt Ion: 43 Resp: 431727
 Ion Ratio Lower Upper
 43 100
 58 37.9 33.1 49.7

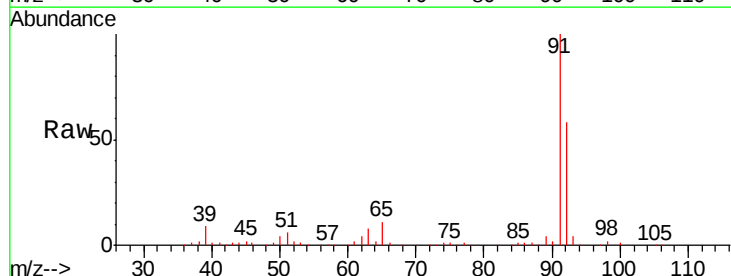


Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

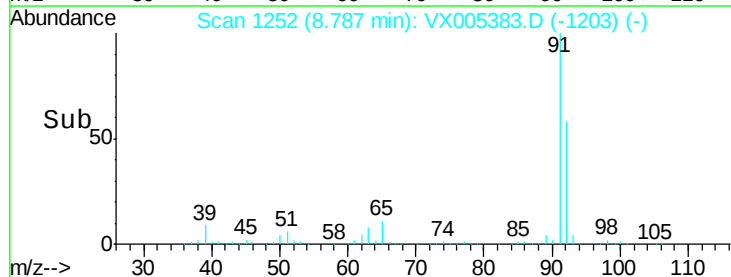
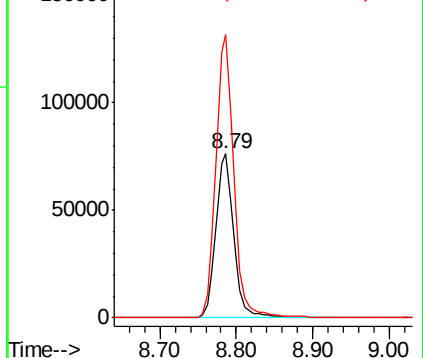


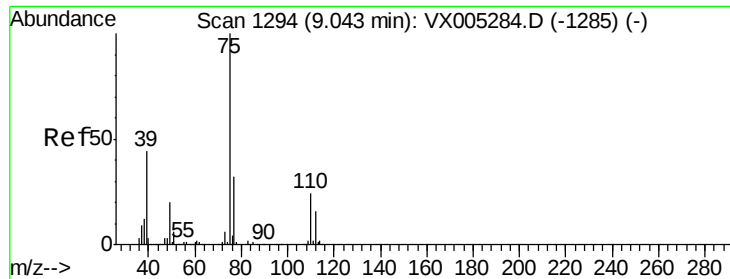
#52
 Toluene
 Concen: 20.43 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 92 Resp: 123596
 Ion Ratio Lower Upper
 92 100
 91 173.4 136.4 204.6



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: 19.49 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampled :

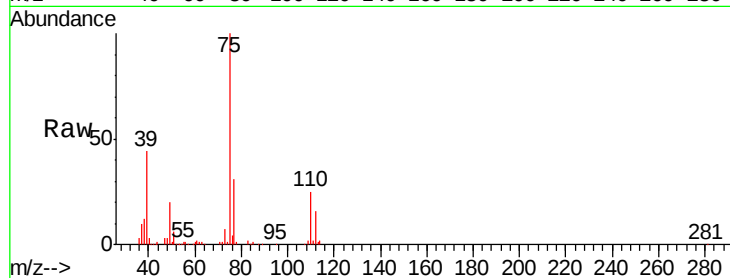
VX1017WBS01

Tgt Ion: 75 Resp: 69835

Ion Ratio Lower Upper

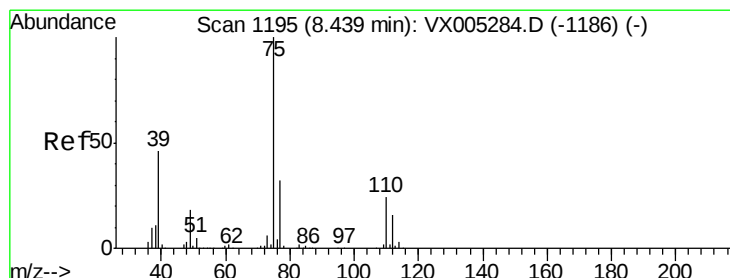
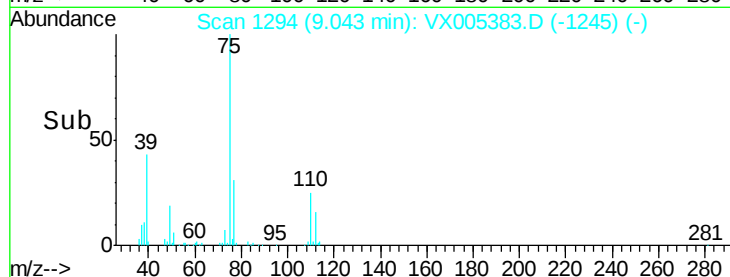
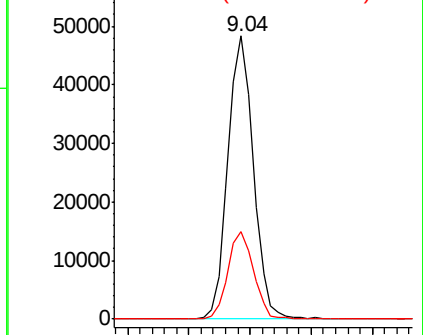
75 100

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: 19.78 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

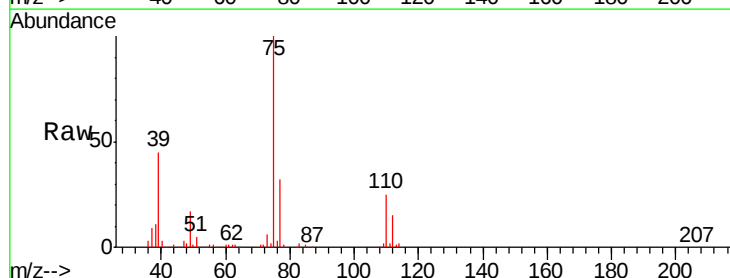
Tgt Ion: 75 Resp: 76821

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

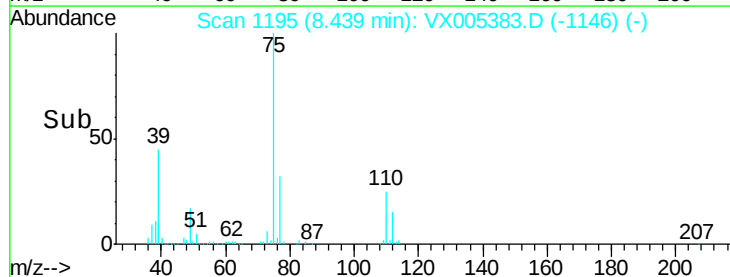
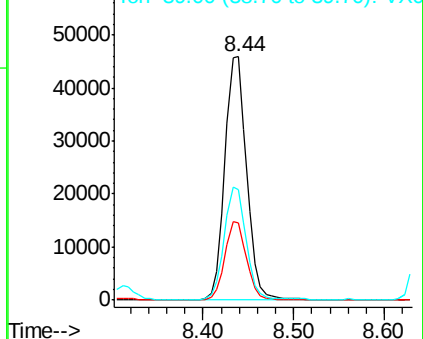
39 44.9 36.4 54.6



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

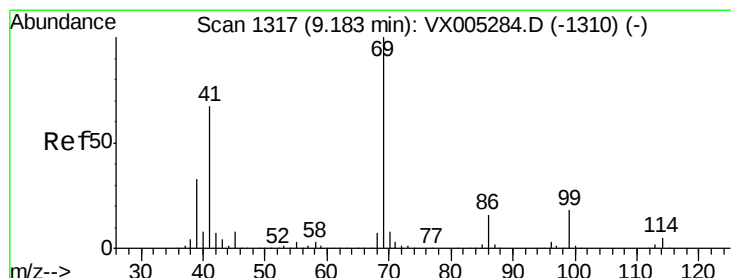
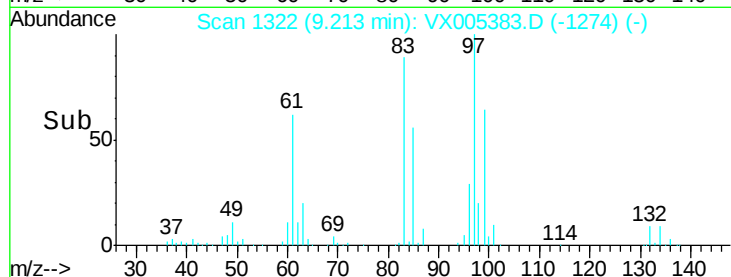
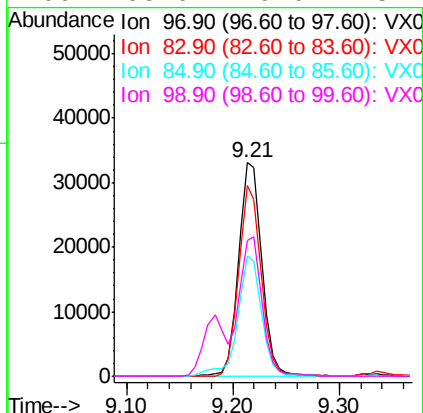
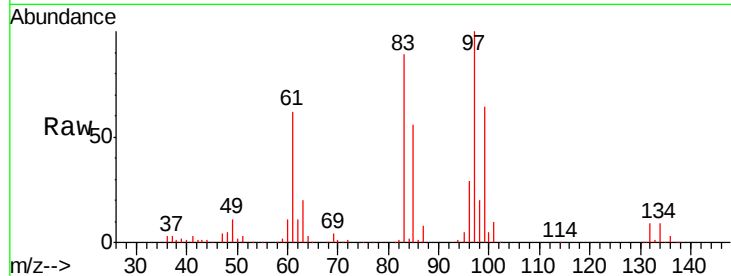




#55
 1,1,2-Trichloroethane
 Concen: 19.89 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

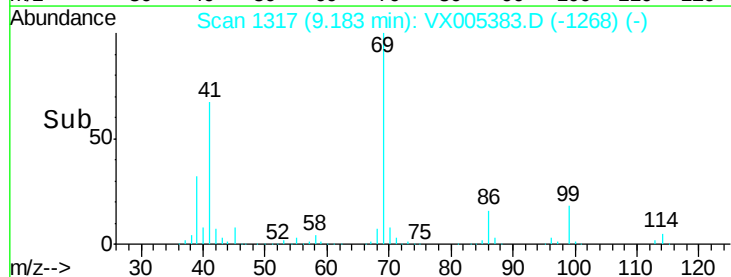
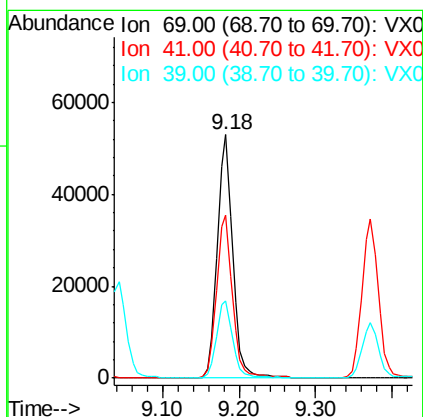
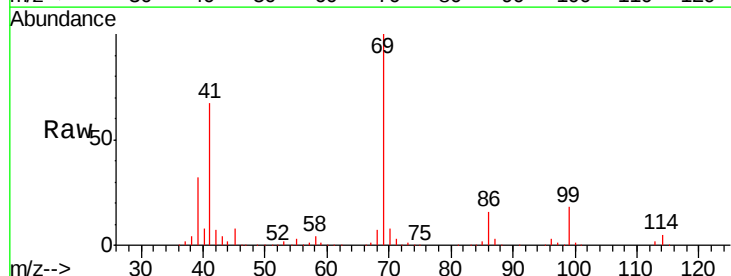
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

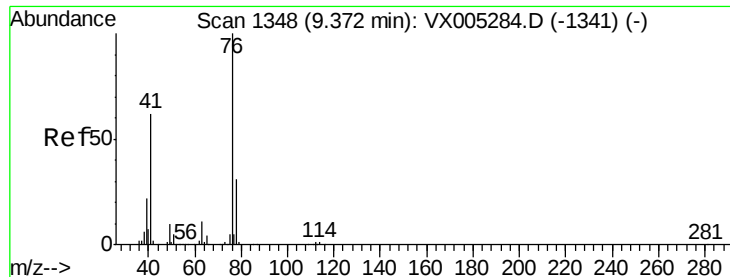
Tgt Ion:	97	Resp:	50958
Ion	Ratio	Lower	Upper
97	100		
83	89.1	66.4	99.6
85	56.4	43.3	64.9
99	63.6	49.0	73.4



#56
 Ethyl methacrylate
 Concen: 19.91 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion:	69	Resp:	74355
Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.0	76.4
39	32.9	26.1	39.1





#57

1,3-Dichloropropane

Concen: 19.97 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

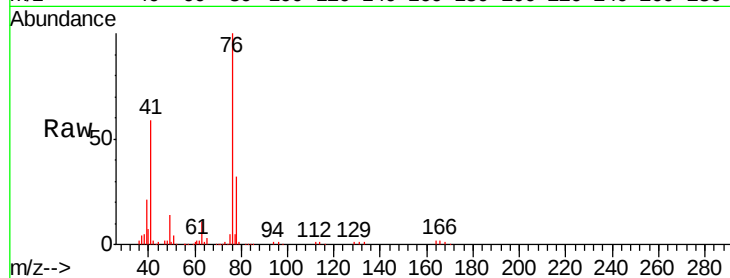
VX1017WBS01

Tgt Ion: 76 Resp: 85419

Ion Ratio Lower Upper

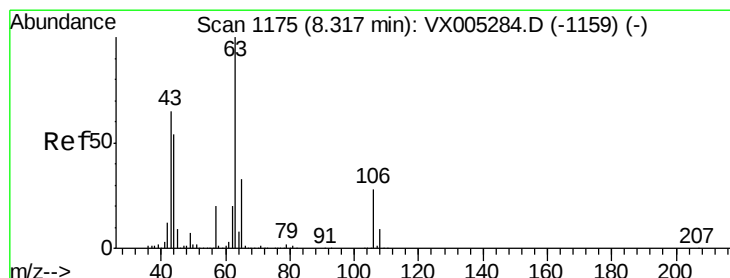
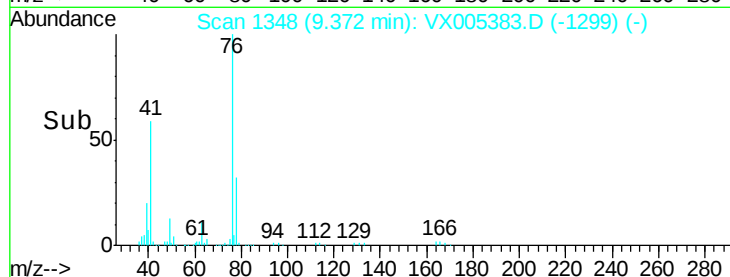
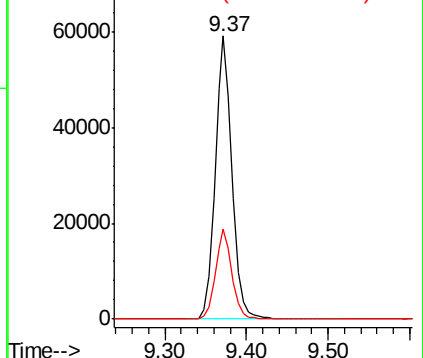
76 100

78 31.2 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: 101.04 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.01 min

Lab File: VX005383.D

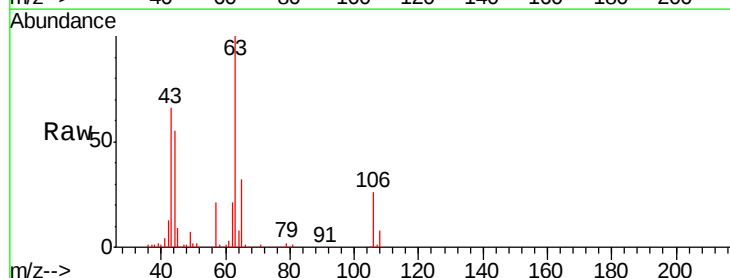
Acq: 17 Oct 2018 10:24

Tgt Ion: 63 Resp: 211658

Ion Ratio Lower Upper

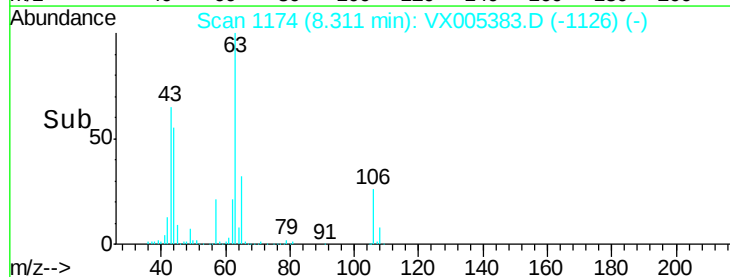
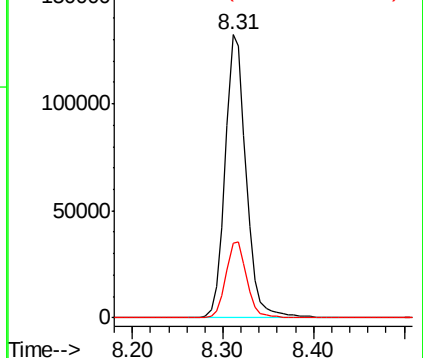
63 100

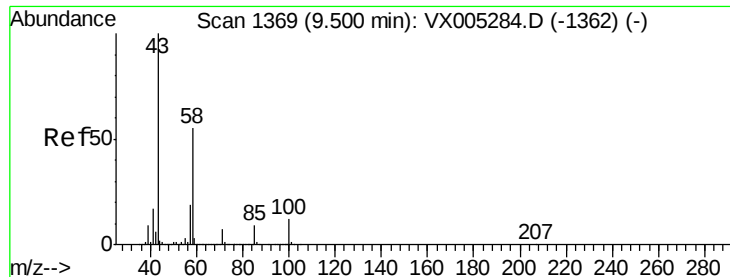
106 27.3 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

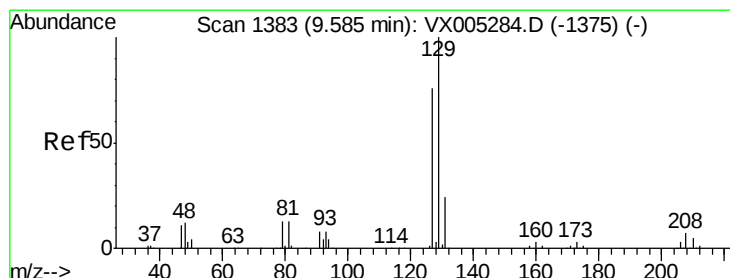
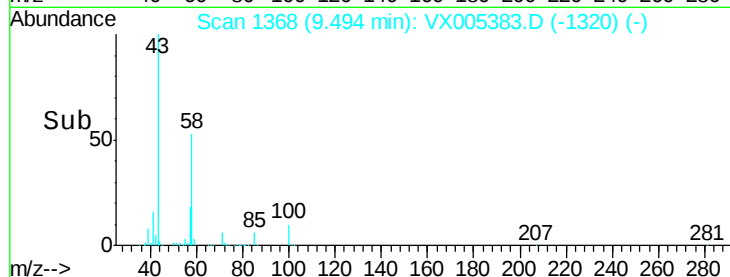
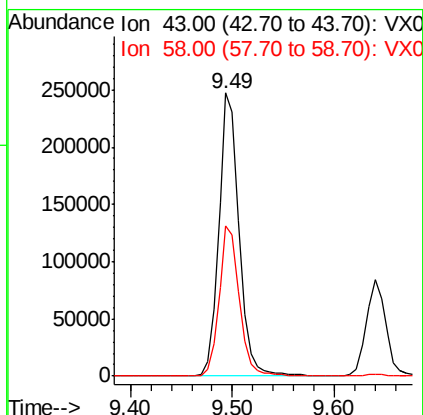
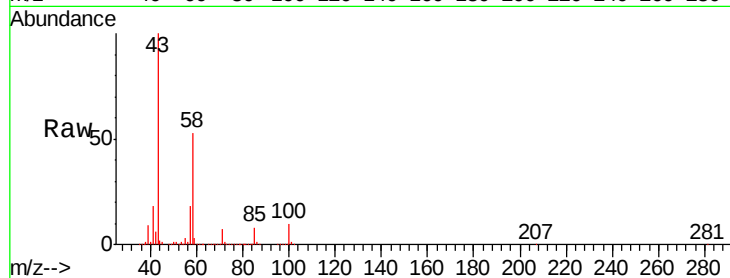




#59
2-Hexanone
Concen: 97.85 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

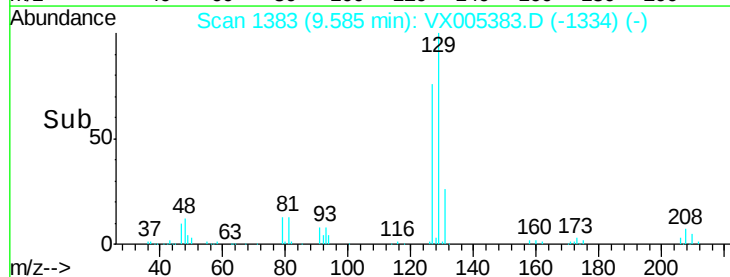
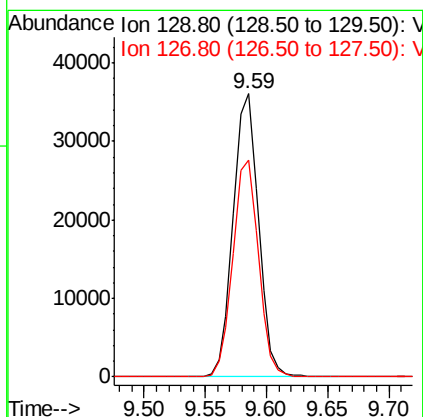
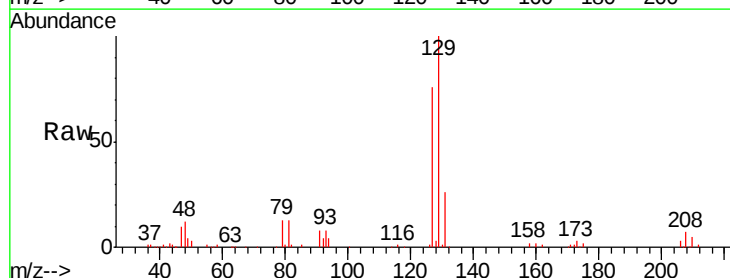
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

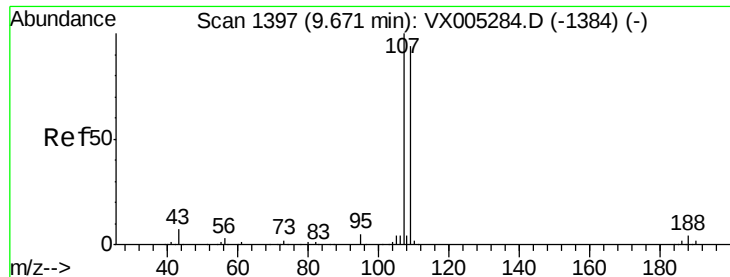
Tgt Ion: 43 Resp: 344155
Ion Ratio Lower Upper
43 100
58 53.2 29.0 87.0



#60
Dibromochloromethane
Concen: 19.55 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 129 Resp: 51779
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.80 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

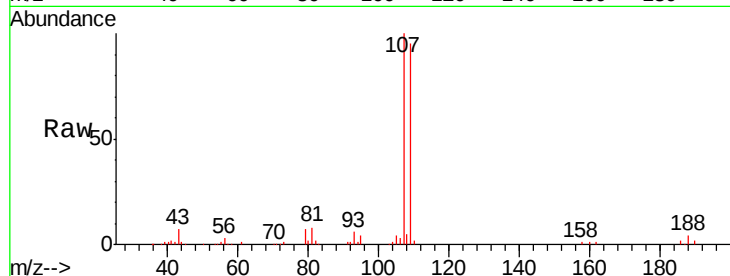
VX1017WBS01

Tgt Ion: 107 Resp: 53236

Ion Ratio Lower Upper

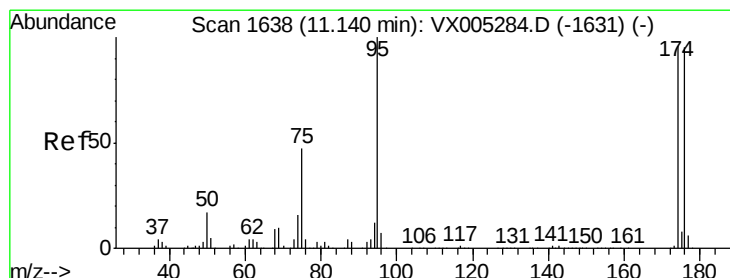
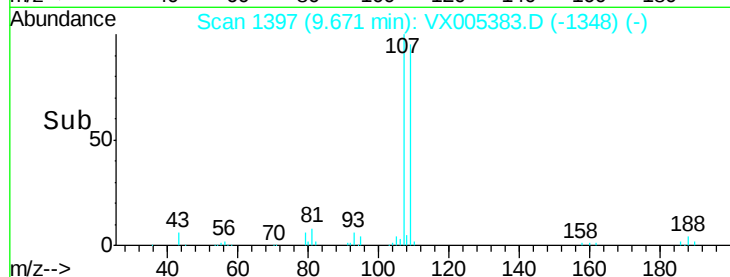
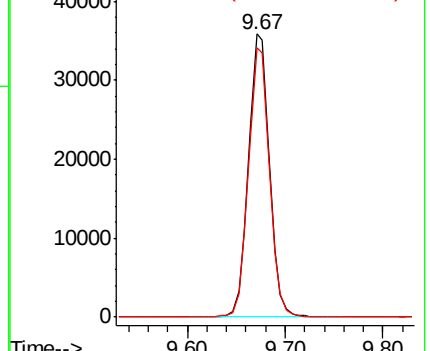
107 100

109 95.4 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: 50.12 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

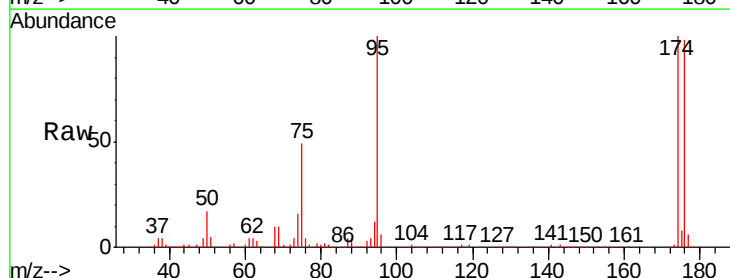
Tgt Ion: 95 Resp: 162935

Ion Ratio Lower Upper

95 100

174 95.8 0.0 185.2

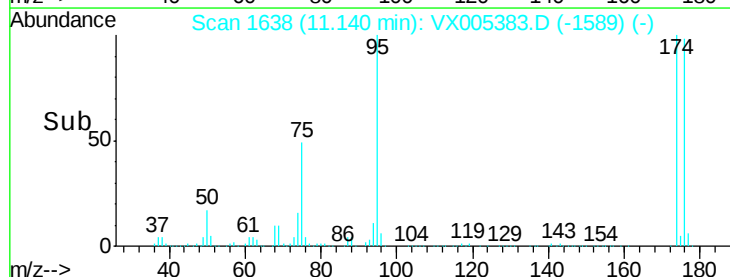
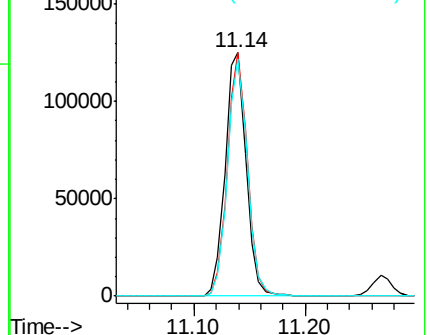
176 93.2 0.0 178.6

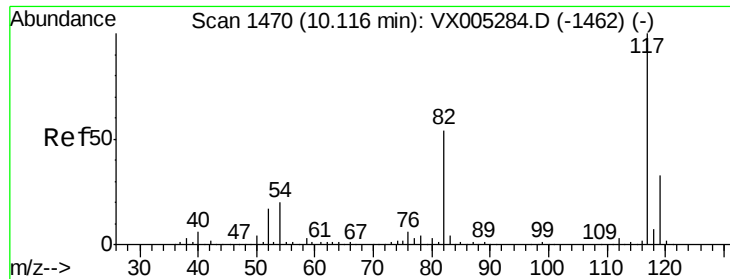


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

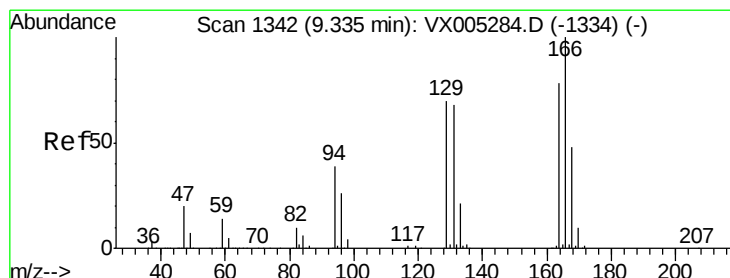
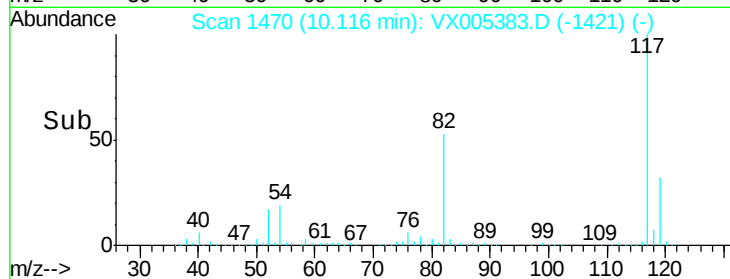
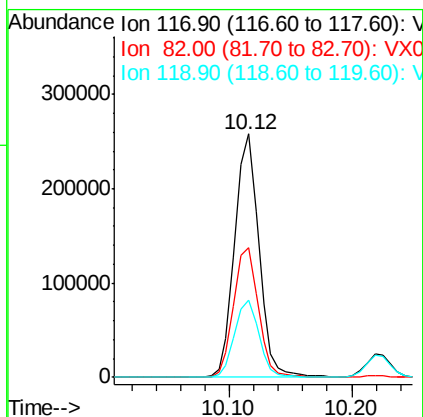
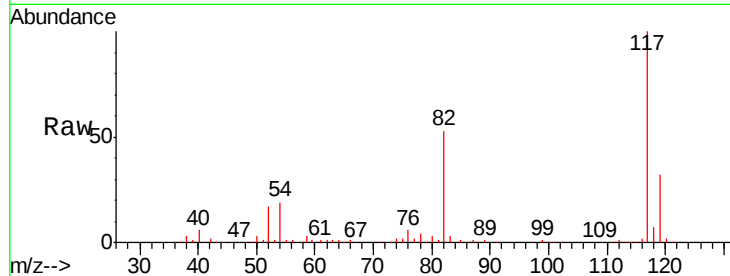




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

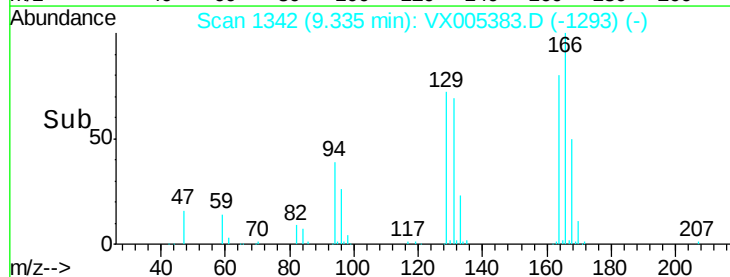
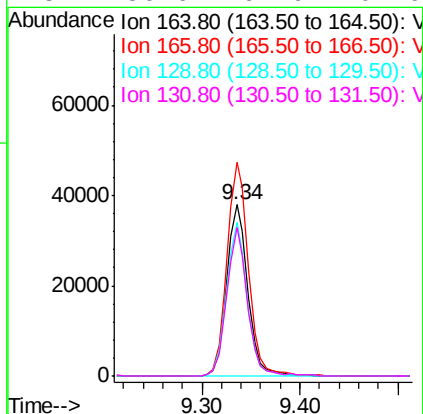
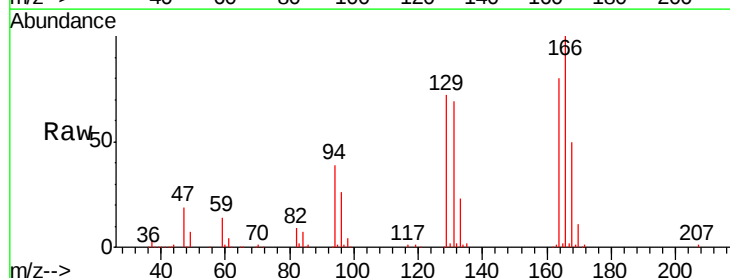
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:117 Resp: 355133
Ion Ratio Lower Upper
117 100
82 53.3 47.8 71.6
119 31.7 29.3 43.9



#64
Tetrachloroethene
Concen: 19.80 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion:164 Resp: 56613
Ion Ratio Lower Upper
164 100
166 124.9 102.8 154.2
129 90.1 69.4 104.0
131 86.6 67.9 101.9

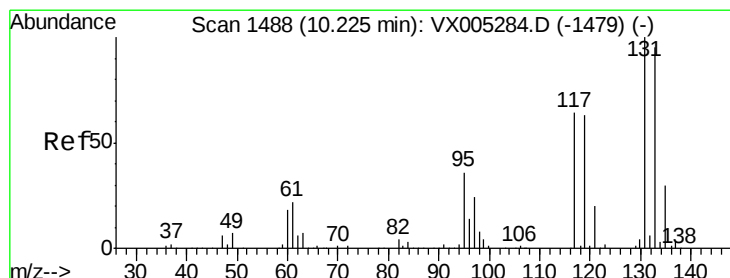
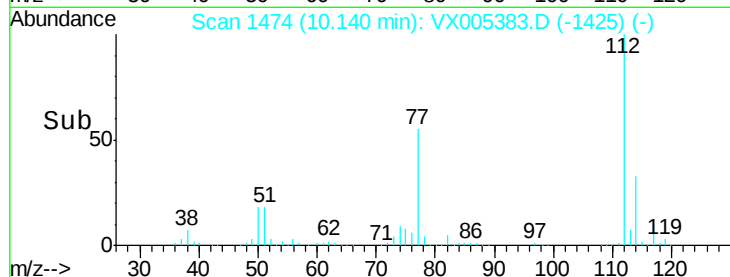
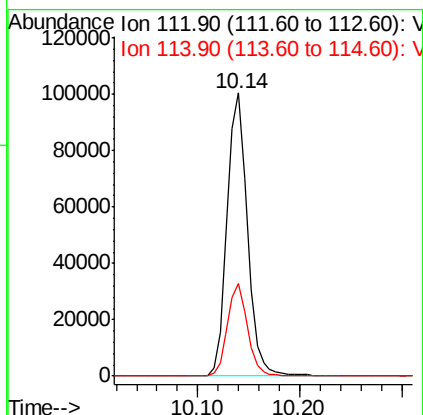
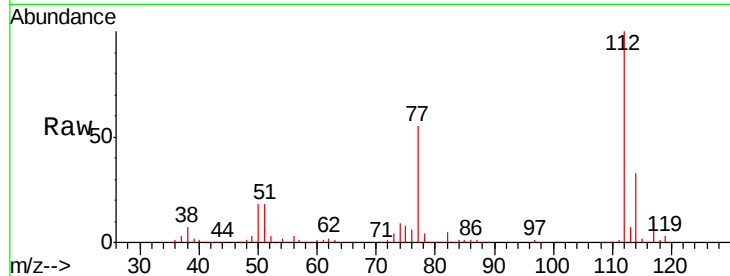




#65
Chlorobenzene
Concen: 18.40 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

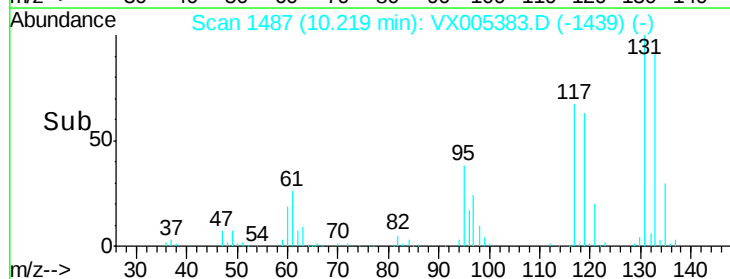
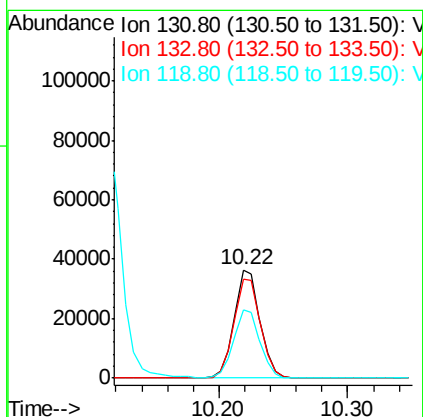
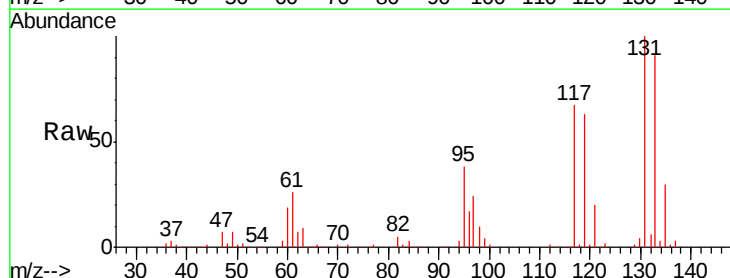
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

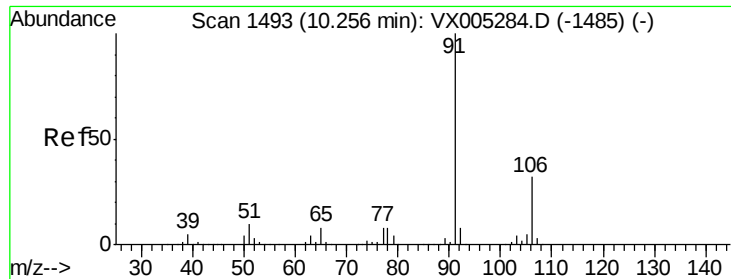
Tgt Ion:112 Resp: 138986
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 18.90 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion:131 Resp: 50876
Ion Ratio Lower Upper
131 100
133 94.2 48.1 144.4
119 64.6 32.9 98.6





#67

Ethyl Benzene

Concen: 18.74 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

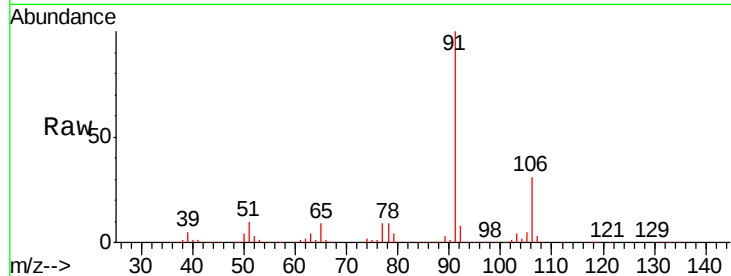
VX1017WBS01

Tgt Ion: 91 Resp: 230111

Ion Ratio Lower Upper

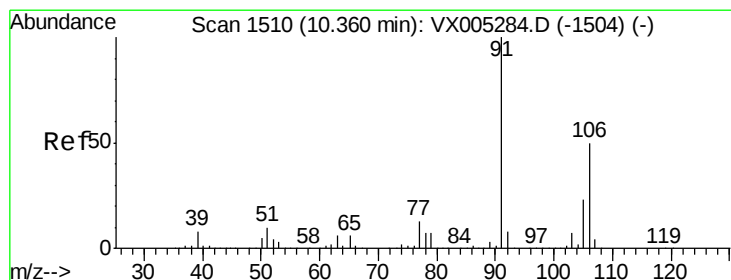
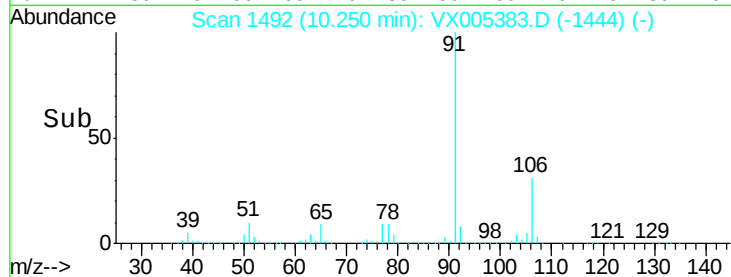
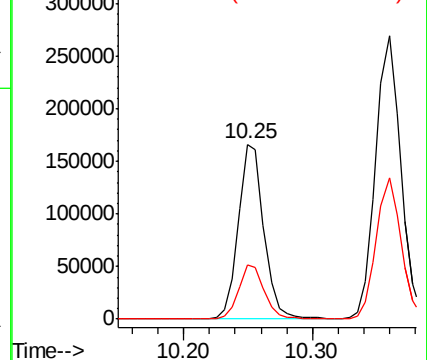
91 100

106 30.7 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.99 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX005383.D

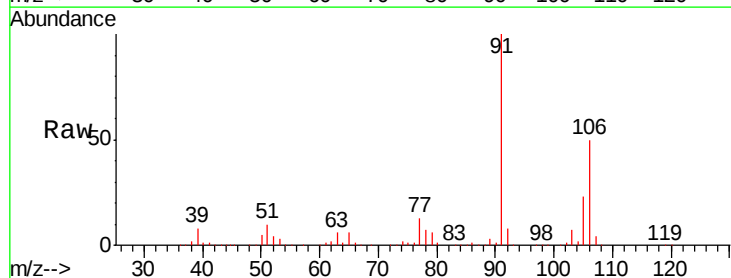
Acq: 17 Oct 2018 10:24

Tgt Ion: 106 Resp: 181077

Ion Ratio Lower Upper

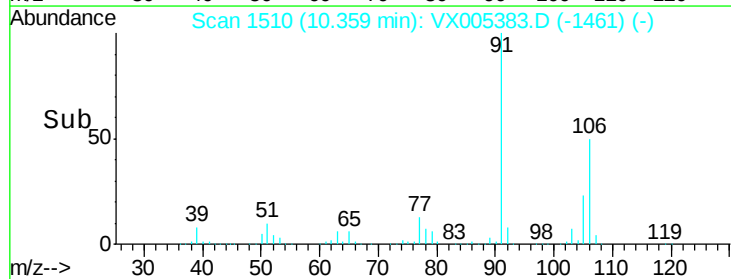
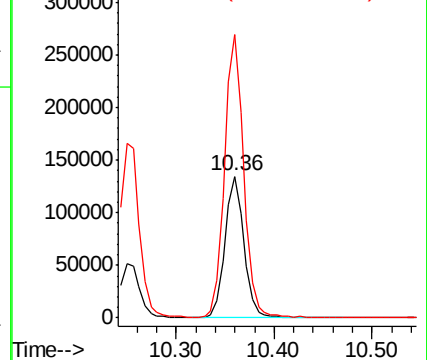
106 100

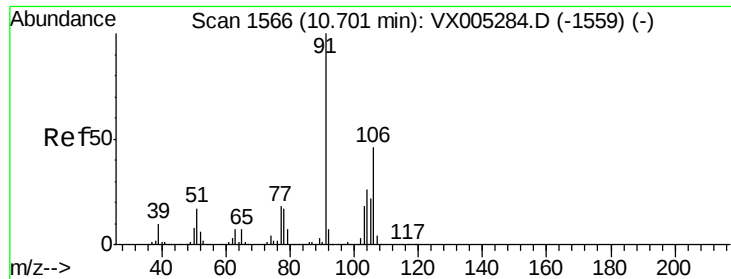
91 203.0 157.1 235.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

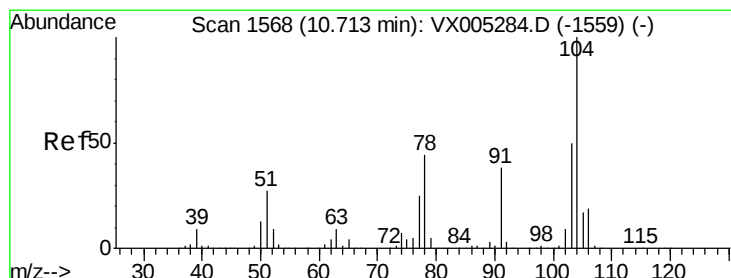
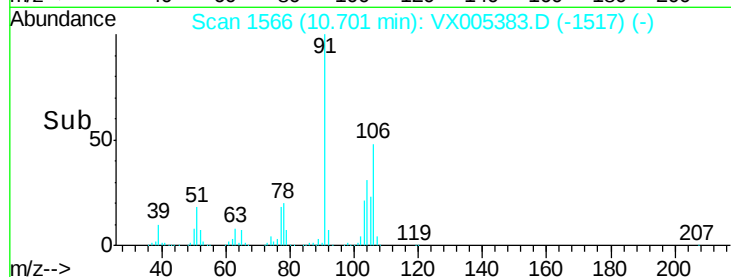
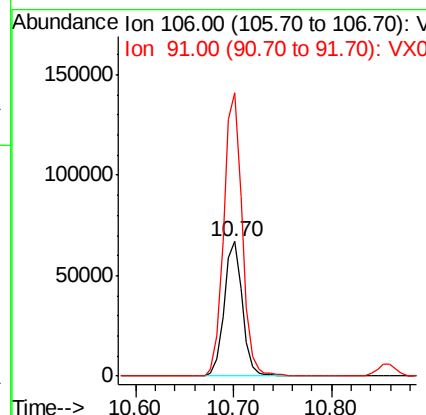
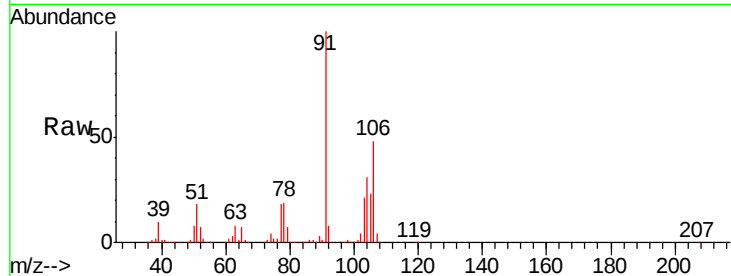




#69
o-Xylene
Concen: 18.80 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

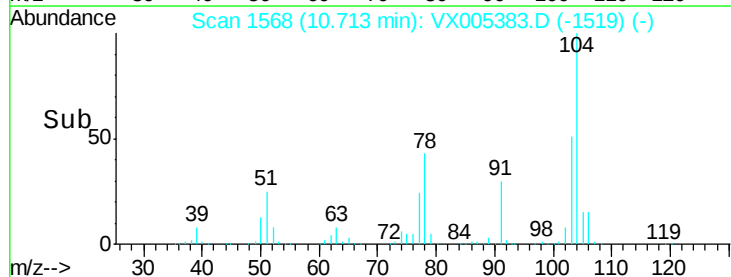
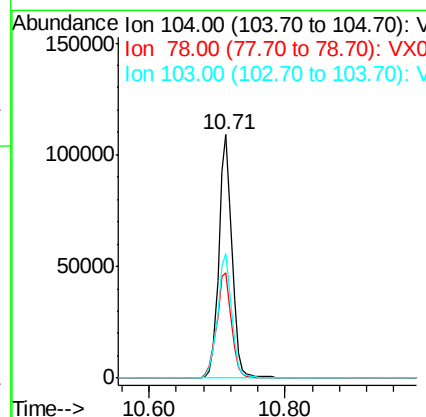
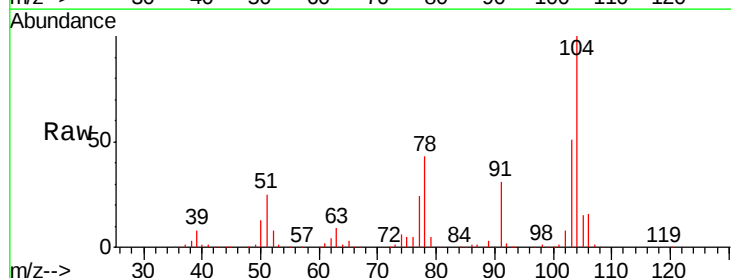
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion:106 Resp: 86416
Ion Ratio Lower Upper
106 100
91 213.7 105.1 315.1



#70
Styrene
Concen: 19.25 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion:104 Resp: 145566
Ion Ratio Lower Upper
104 100
78 49.3 37.4 56.0
103 55.9 43.8 65.6





#71

Bromoform

Concen: 17.63 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

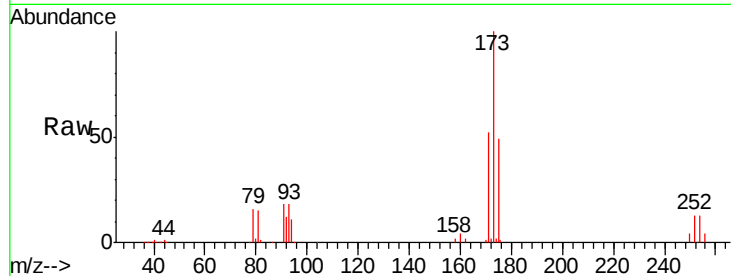
Tgt Ion:173 Resp: 42413

Ion Ratio Lower Upper

173 100

175 49.6 24.1 72.3

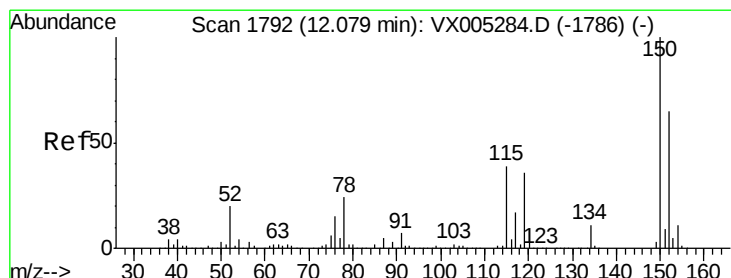
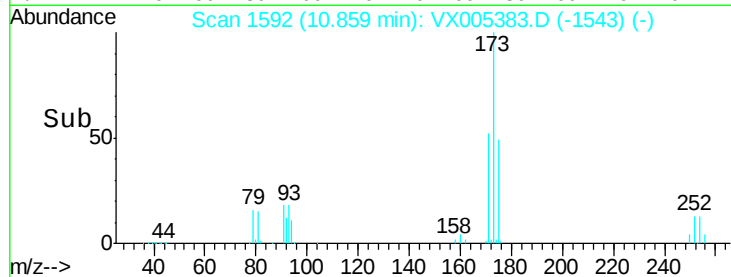
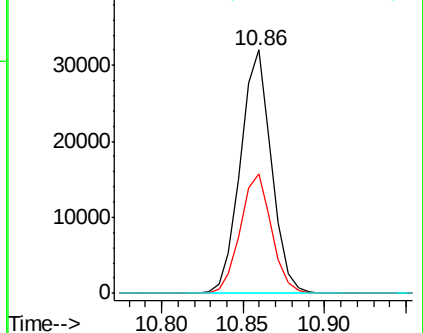
254 0.1 0.2 0.2#



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# 1792

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

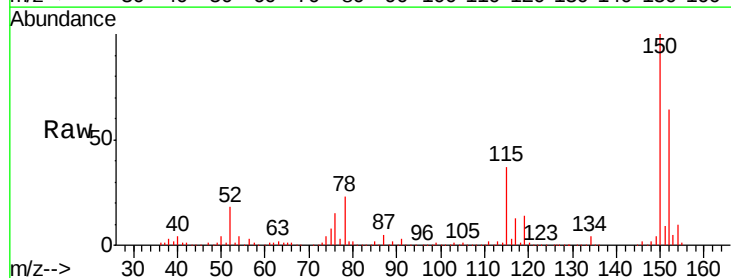
Tgt Ion:152 Resp: 200554

Ion Ratio Lower Upper

152 100

115 63.8 39.0 117.0

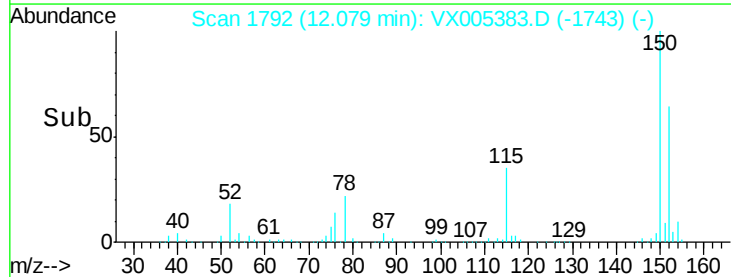
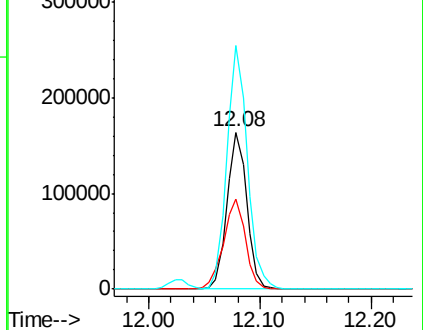
150 161.4 0.0 351.0



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: 19.91 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

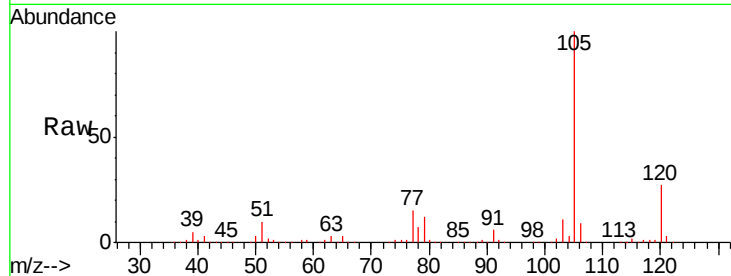
VX1017WBS01

Tgt Ion: 105 Resp: 237351

Ion Ratio Lower Upper

105 100

120 26.8 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

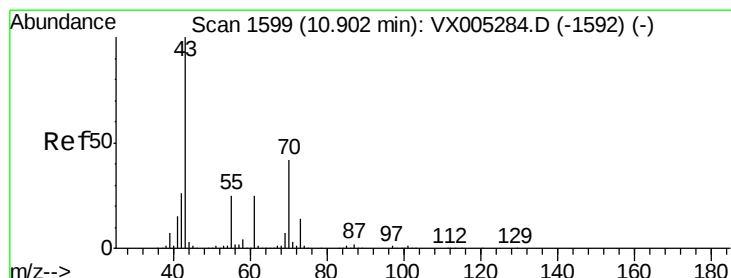
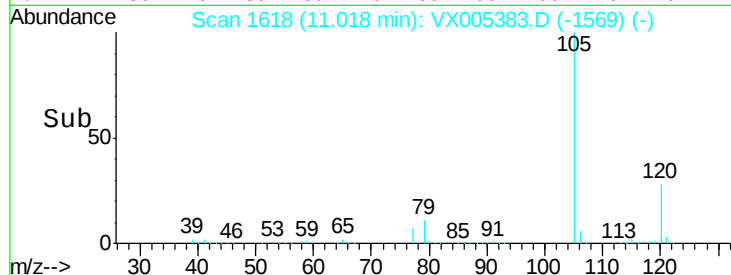
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 18.54 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Tgt Ion: 43 Resp: 106638

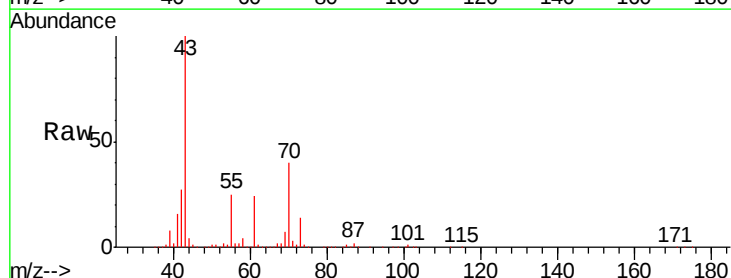
Ion Ratio Lower Upper

43 100

70 41.0 37.4 56.0

55 26.0 21.8 32.8

61 23.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

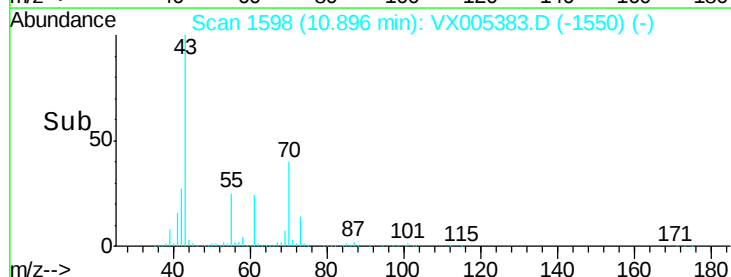
50000

0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.33 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

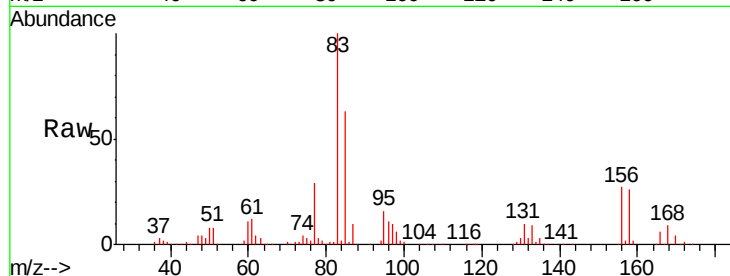
Tgt Ion: 83 Resp: 82417

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

85 64.2 32.3 96.8

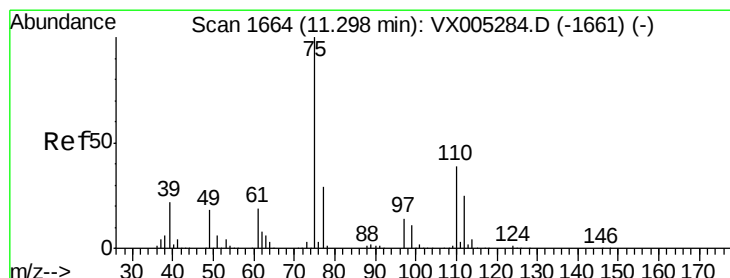
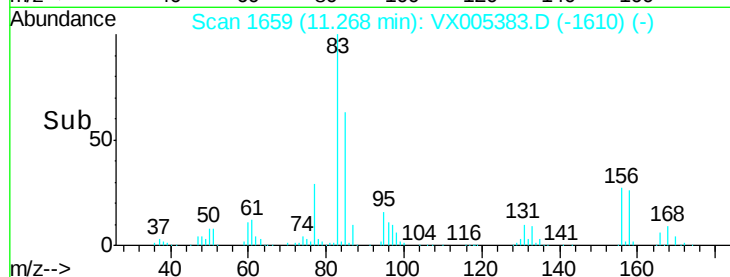


Abundance Ion 82.90 (82.60 to 83.60): VX005383.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX005383.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX005383.D (-1610) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 25.08 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005383.D

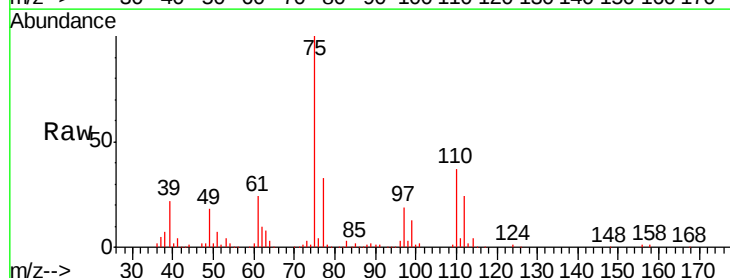
Acq: 17 Oct 2018 10:24

Tgt Ion: 75 Resp: 97558

Ion Ratio Lower Upper

75 100

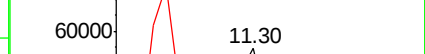
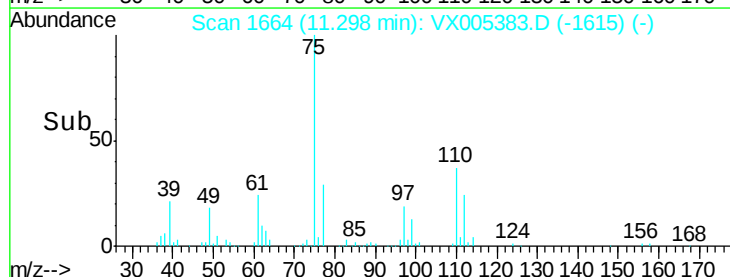
77 32.0 20.2 60.6

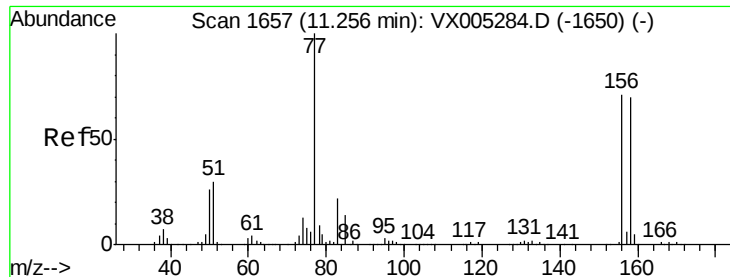


Abundance Ion 74.90 (74.60 to 75.60): VX005383.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX005383.D (-1615) (-)

Time-->





#77

Bromobenzene

Concen: 19.38 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

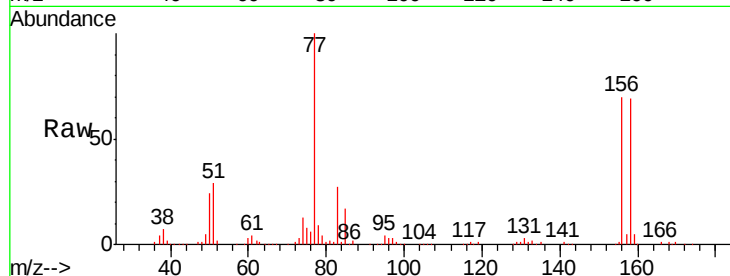
Tgt Ion:156 Resp: 66065

Ion Ratio Lower Upper

156 100

77 141.3 71.5 214.3

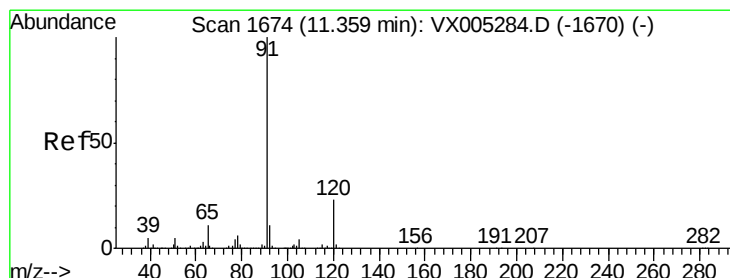
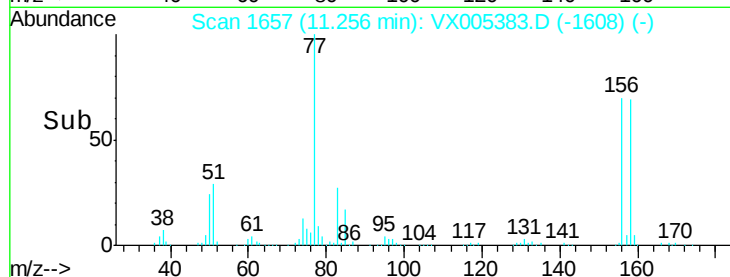
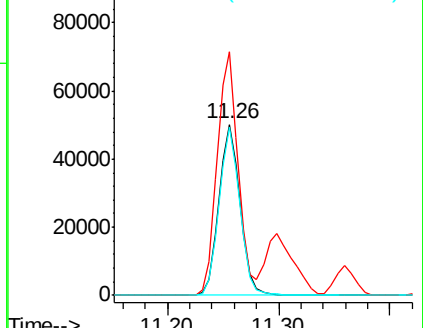
158 96.3 48.9 146.8



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: 19.86 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005383.D

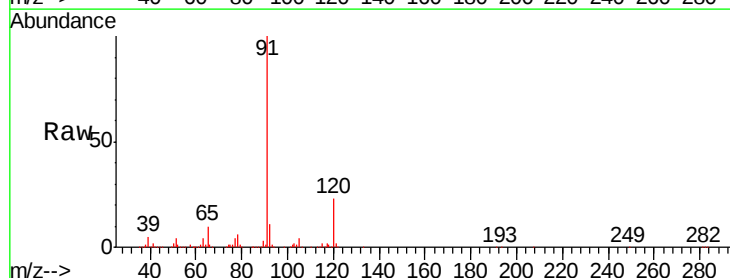
Acq: 17 Oct 2018 10:24

Tgt Ion: 91 Resp: 272422

Ion Ratio Lower Upper

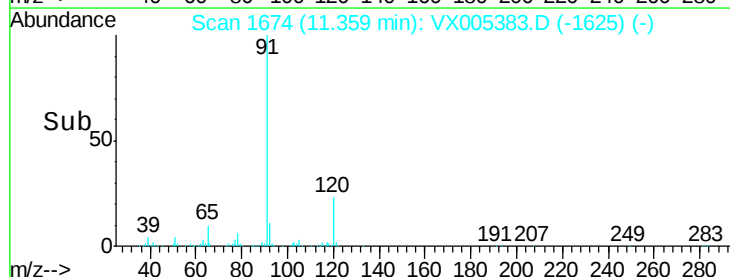
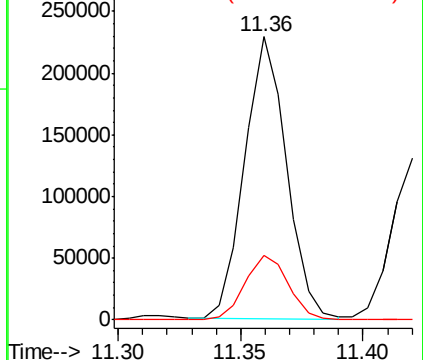
91 100

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

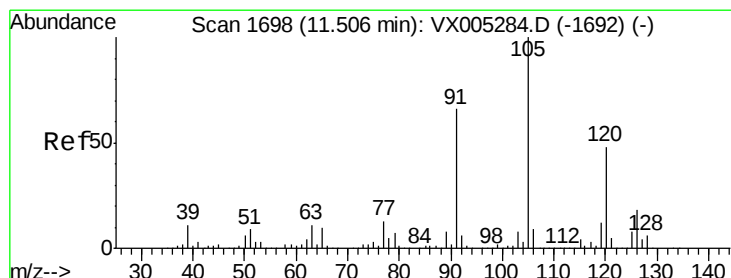
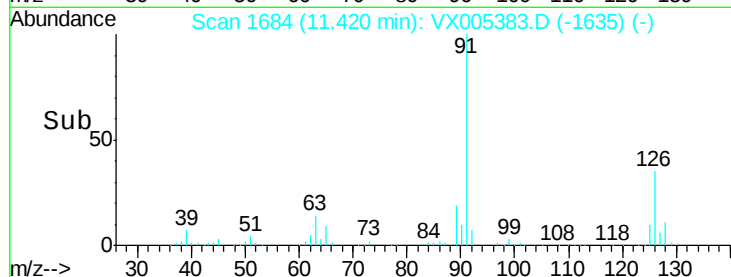
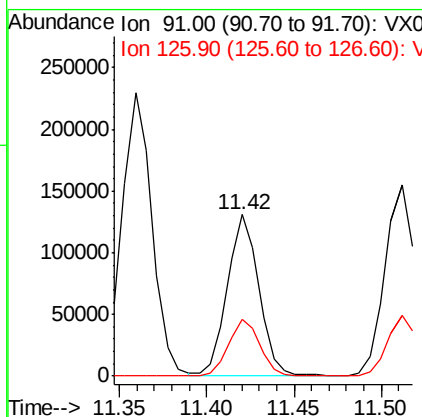
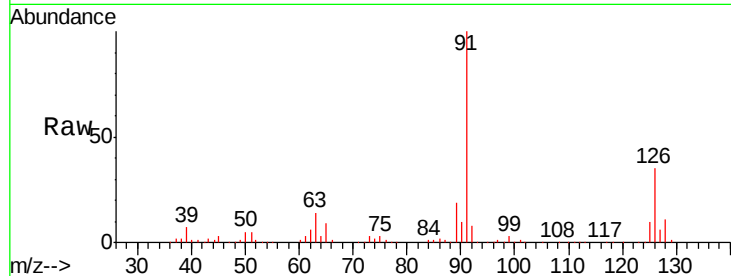




#79
 2-Chlorotoluene
 Concen: 19.36 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

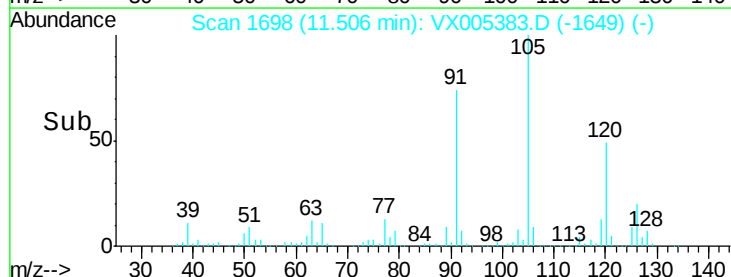
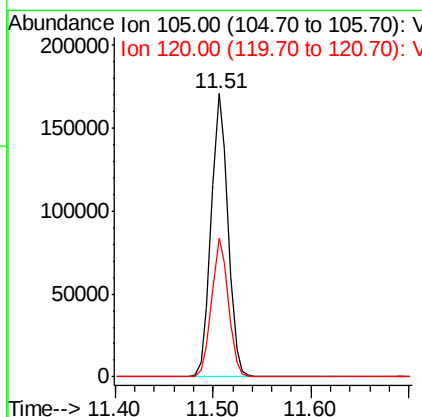
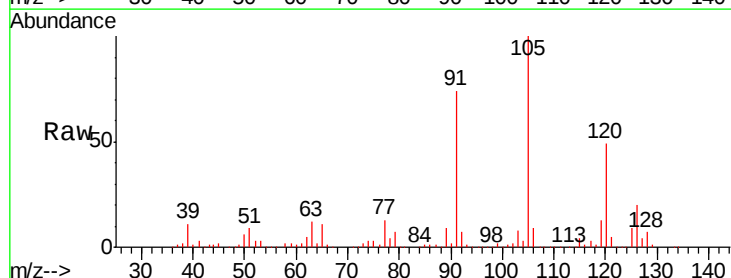
Instrument :
 MSVOA_X
 ClientSampled :
 VX1017WBS01

Tgt Ion: 91 Resp: 162685
 Ion Ratio Lower Upper
 91 100
 126 35.3 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.08 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 105 Resp: 204971
 Ion Ratio Lower Upper
 105 100
 120 48.8 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.06 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

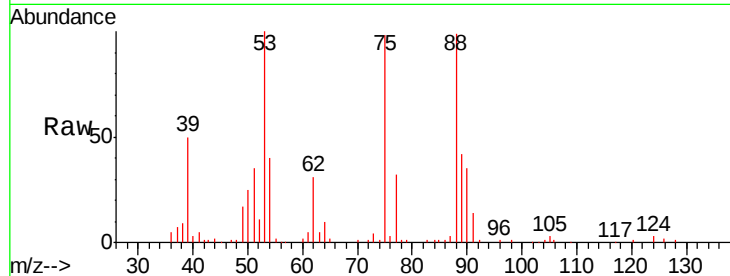
Tgt Ion: 75 Resp: 23116

Ion Ratio Lower Upper

75 100

53 103.3 80.1 120.1

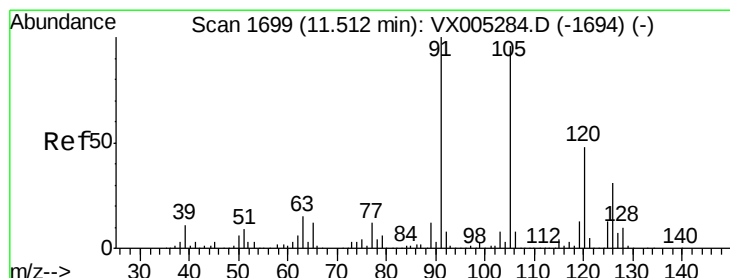
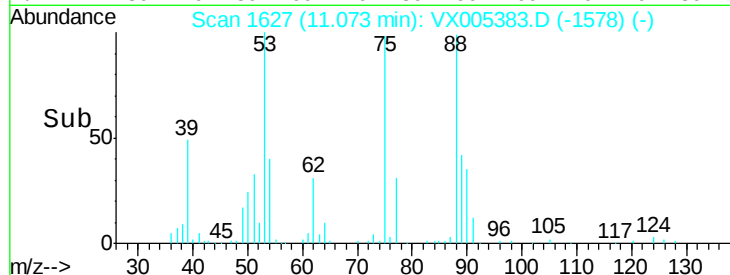
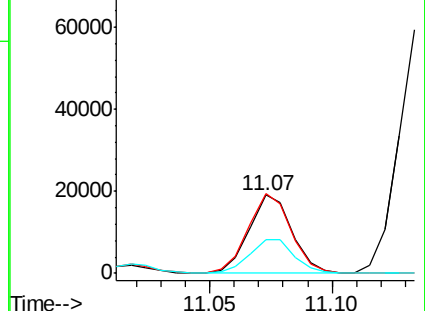
89 46.8 37.2 55.8



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: 19.26 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005383.D

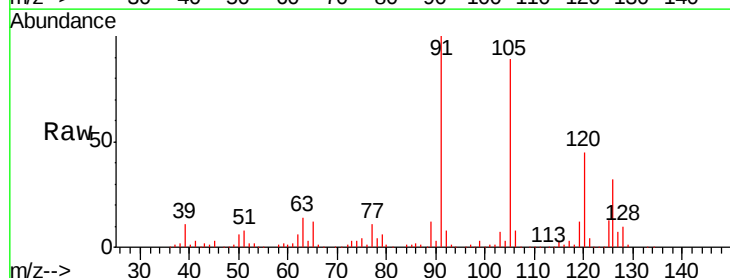
Acq: 17 Oct 2018 10:24

Tgt Ion: 91 Resp: 191811

Ion Ratio Lower Upper

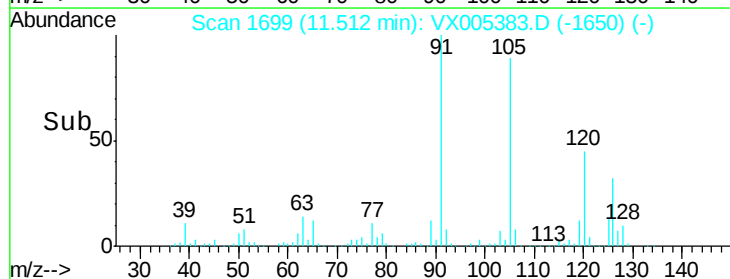
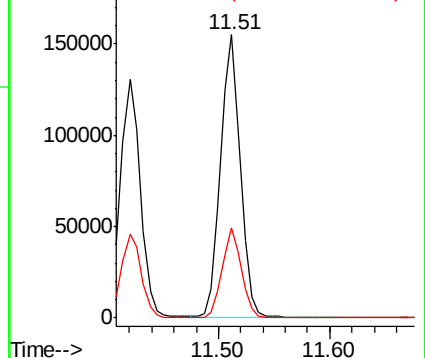
91 100

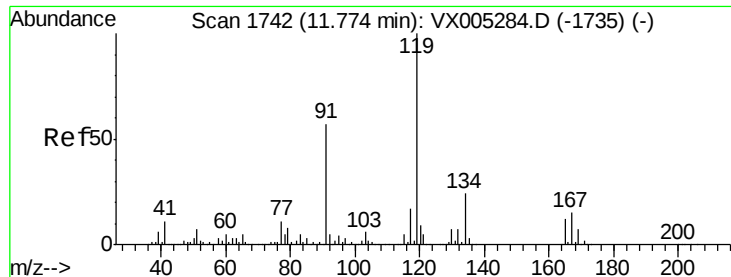
126 30.9 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

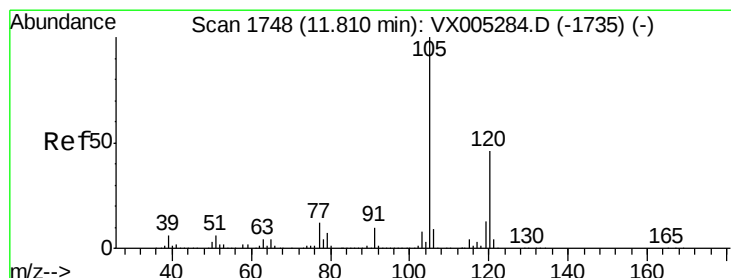
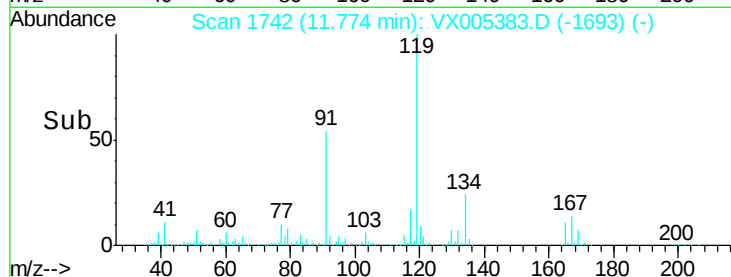
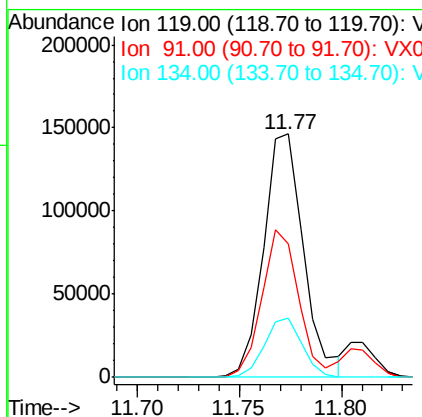
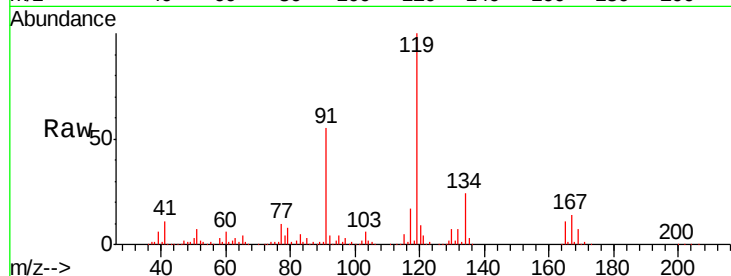




#83
 tert-Butylbenzene
 Concen: 19.37 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

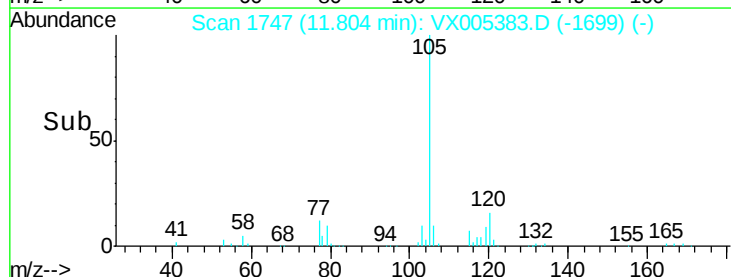
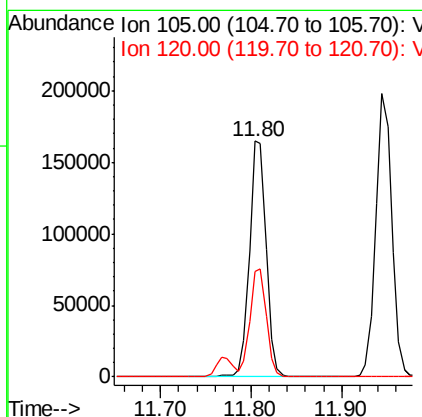
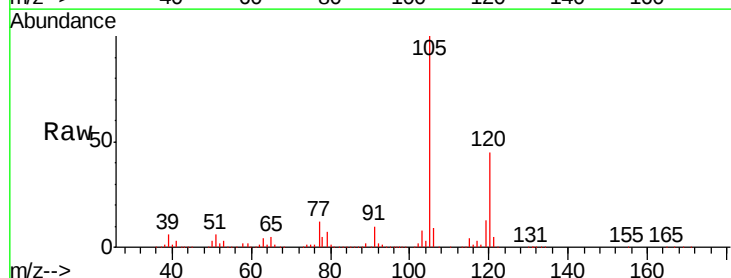
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

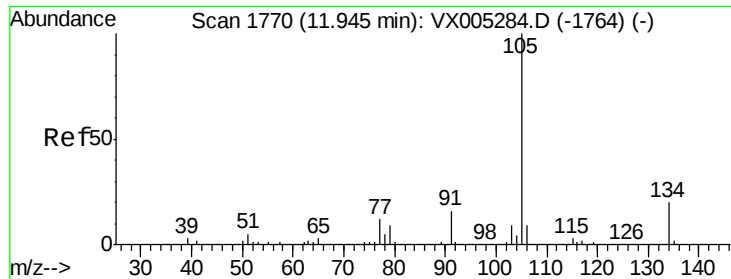
Tgt Ion:119 Resp: 200256
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.0 81.0
 134 23.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.99 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion:105 Resp: 210063
 Ion Ratio Lower Upper
 105 100
 120 45.2 23.2 69.6

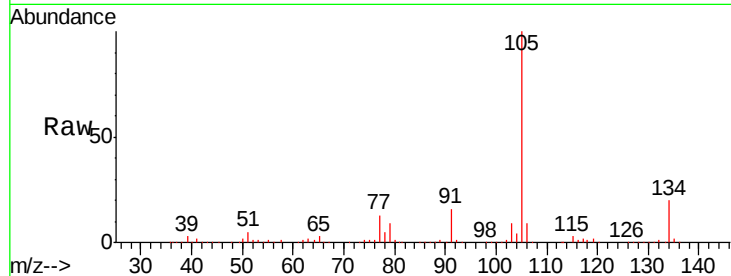




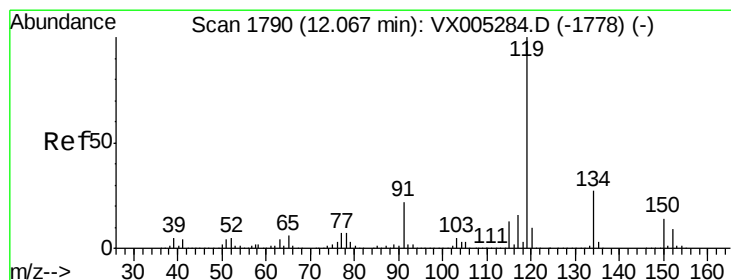
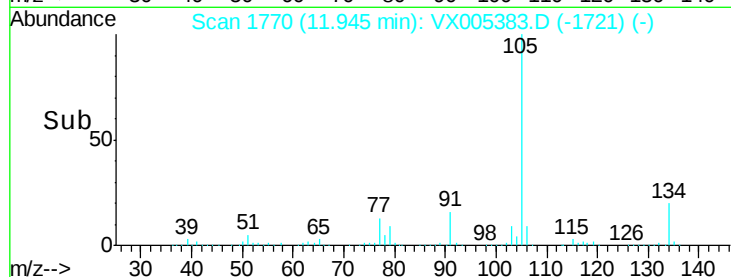
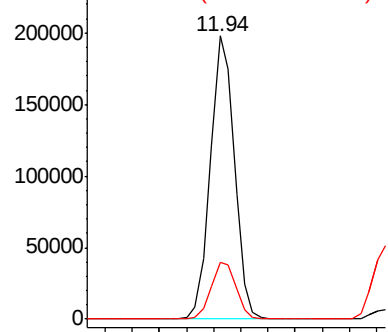
#85
 sec-Butylbenzene
 Concen: 19.87 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

Tgt Ion:105 Resp: 243059
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.5 31.5

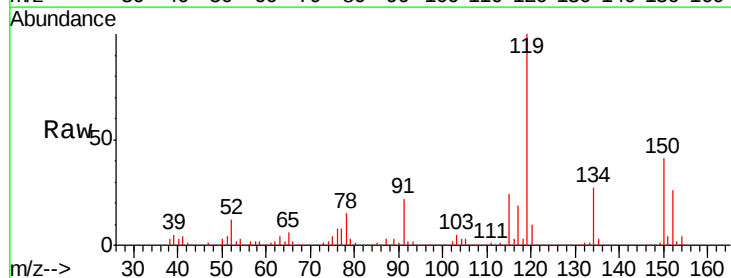


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

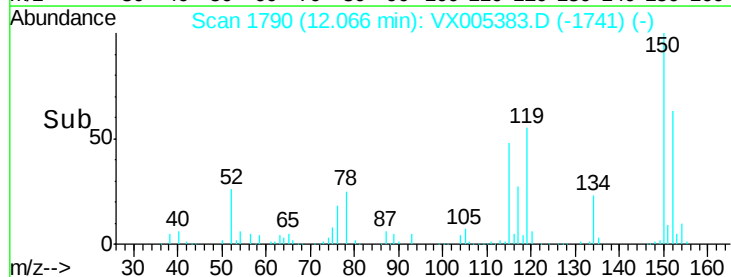
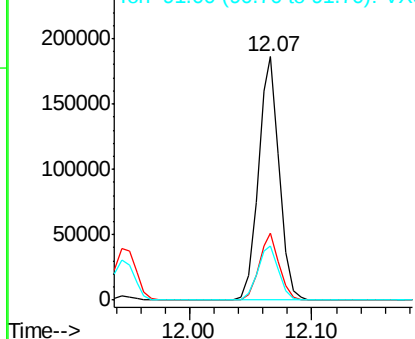


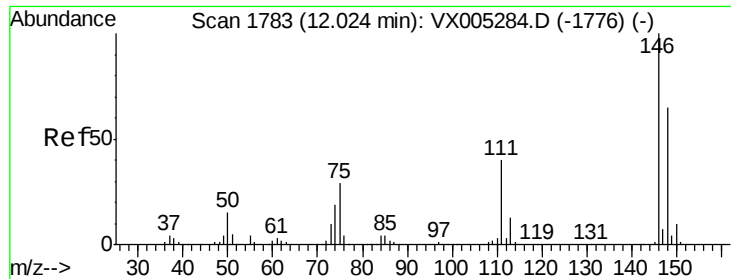
#86
 p-Isopropyltoluene
 Concen: 19.95 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion:119 Resp: 220673
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 22.6 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): V

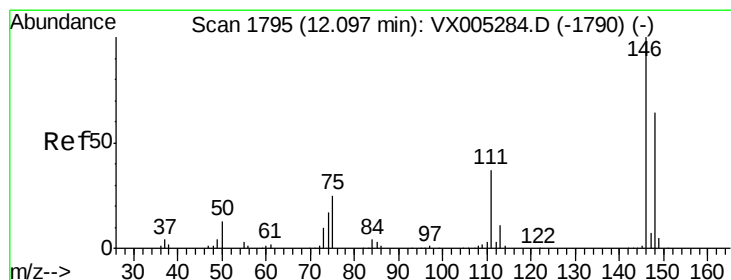
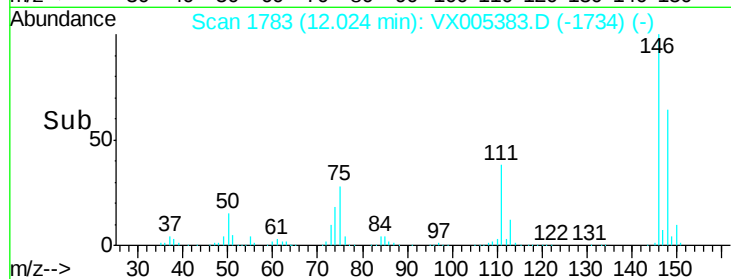
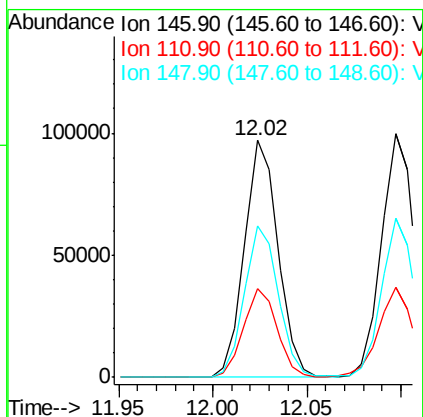
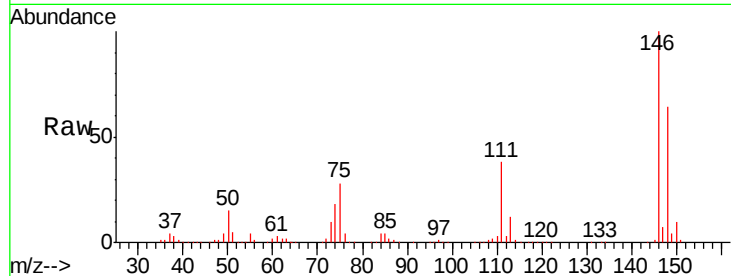




#87
 1,3-Dichlorobenzene
 Concen: 18.94 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

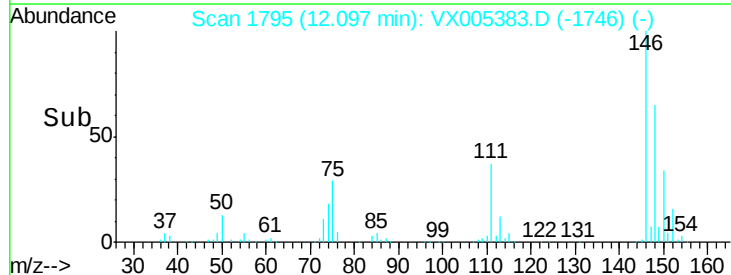
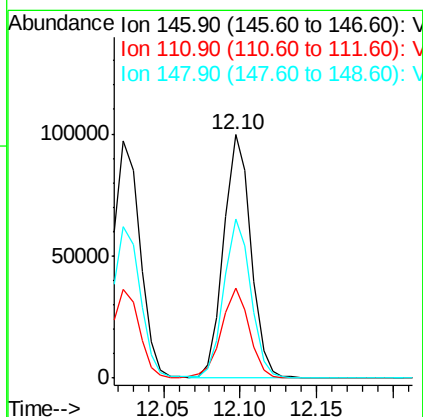
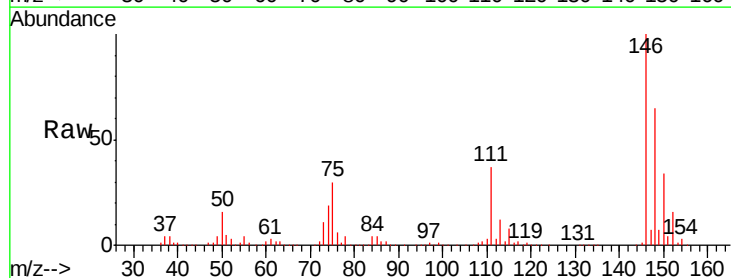
Instrument :
 MSVOA_X
 ClientSampled :
 VX1017WBS01

Tgt Ion:146 Resp: 120665
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.7 56.1
 148 64.5 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 18.90 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion:146 Resp: 123184
 Ion Ratio Lower Upper
 146 100
 111 38.1 18.1 54.1
 148 64.8 32.0 96.0

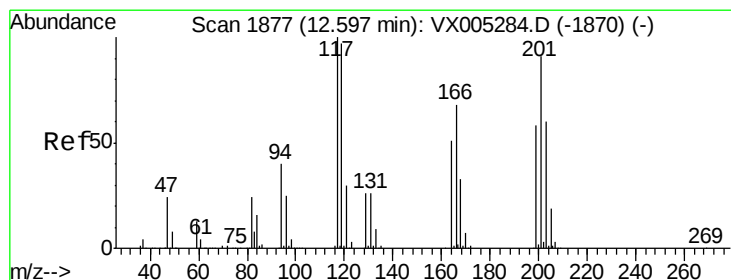
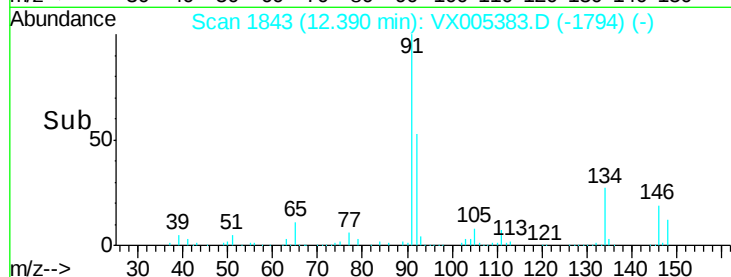
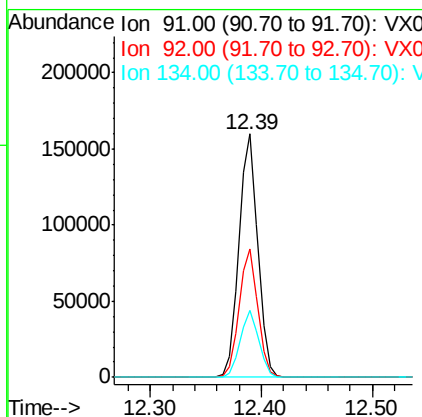
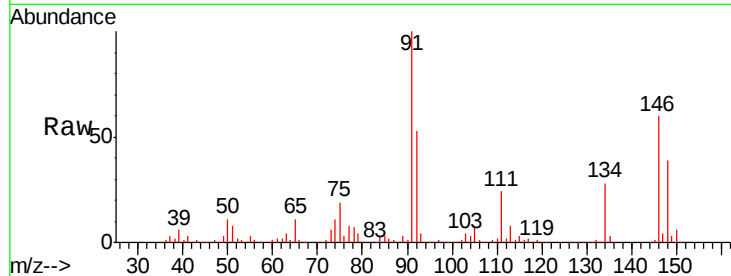




#89
n-Butylbenzene
Concen: 18.67 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

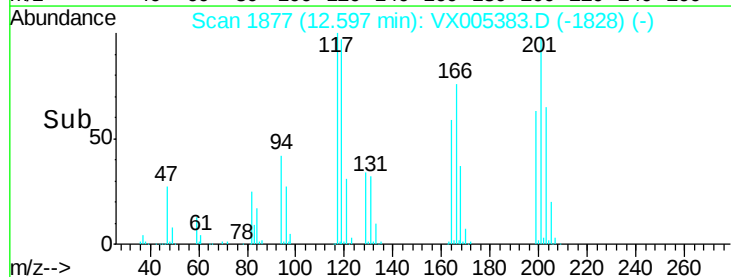
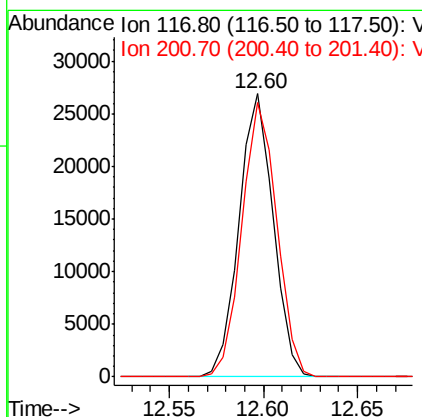
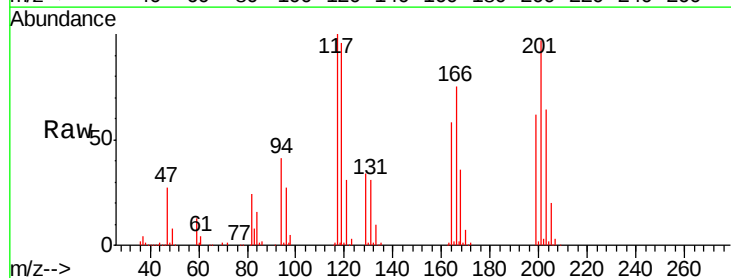
Instrument :
MSVOA_X
ClientSampleId :
VX1017WBS01

Tgt Ion: 91 Resp: 187418
Ion Ratio Lower Upper
91 100
92 52.0 27.3 81.9
134 27.1 13.6 40.7



#90
Hexachloroethane
Concen: 17.76 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005383.D
Acq: 17 Oct 2018 10:24

Tgt Ion: 117 Resp: 33839
Ion Ratio Lower Upper
117 100
201 98.8 46.9 140.6

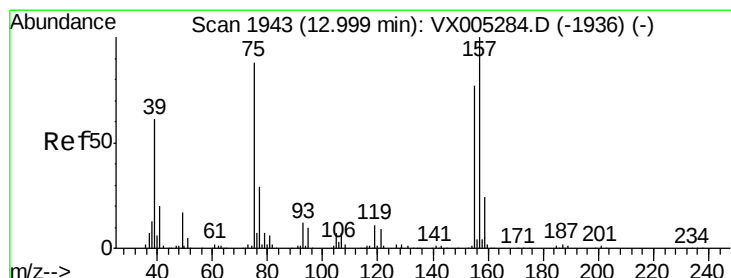
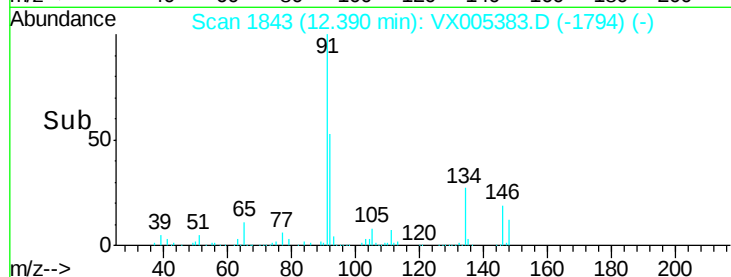
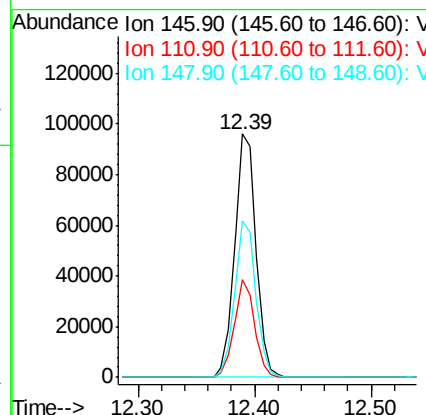
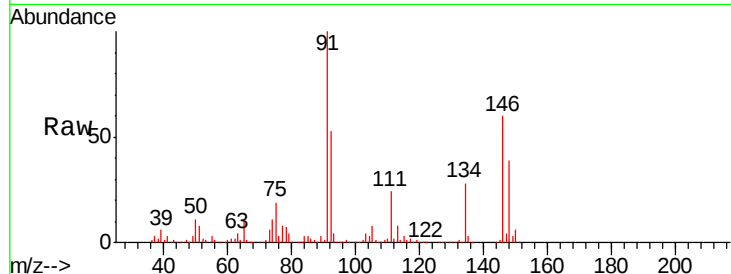




#91
 1,2-Dichlorobenzene
 Concen: 18.85 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

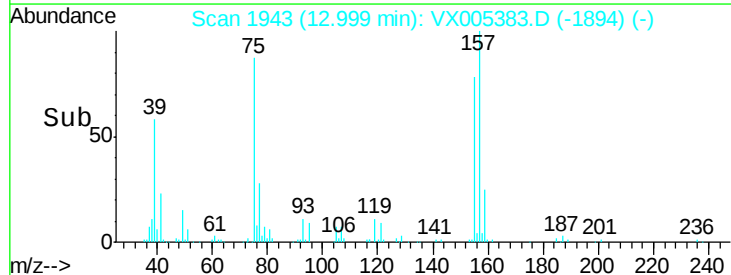
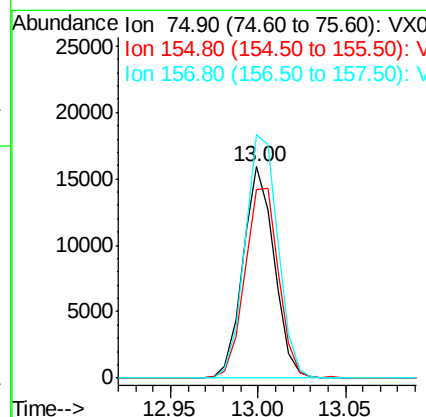
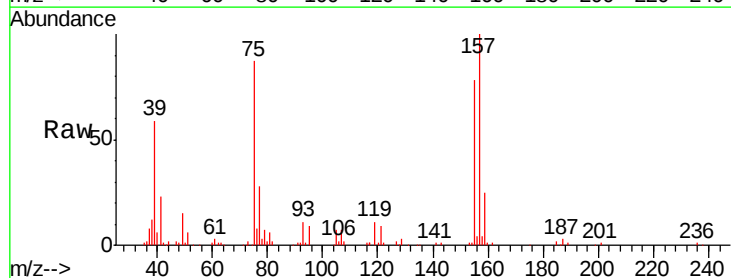
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

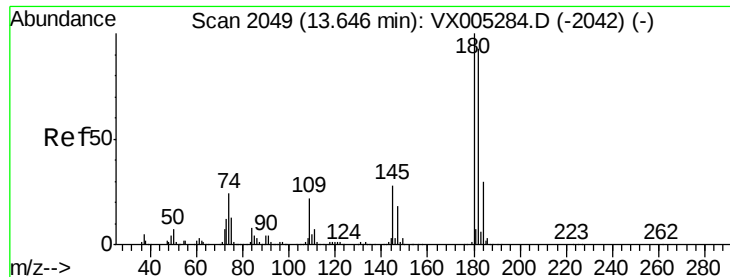
Tgt Ion: 146 Resp: 122543
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.4 58.1
 148 64.0 32.8 98.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.00 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion: 75 Resp: 19752
 Ion Ratio Lower Upper
 75 100
 155 96.8 48.0 144.2
 157 121.6 61.4 184.1

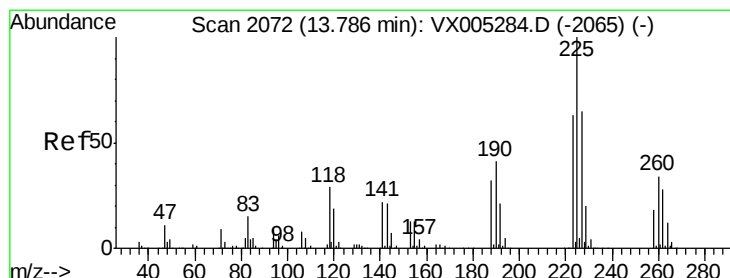
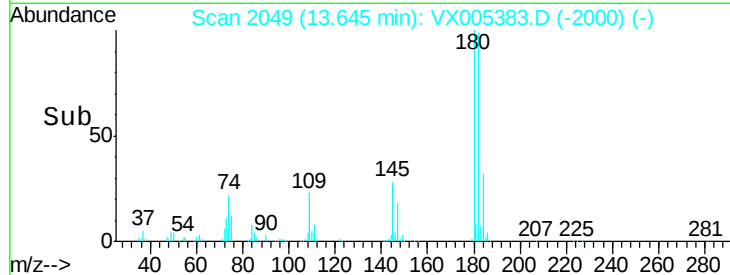
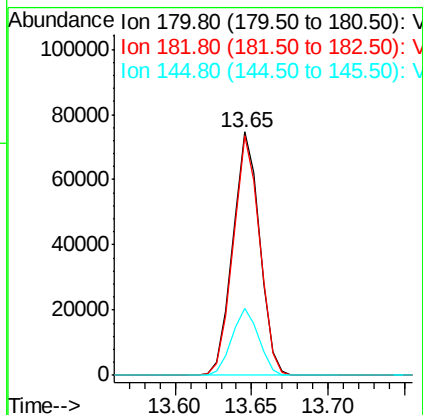
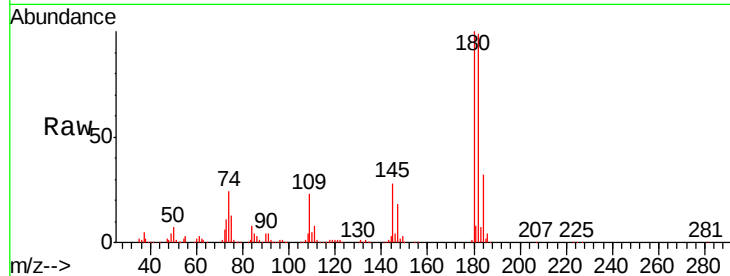




#93
 1,2,4-Trichlorobenzene
 Concen: 18.98 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

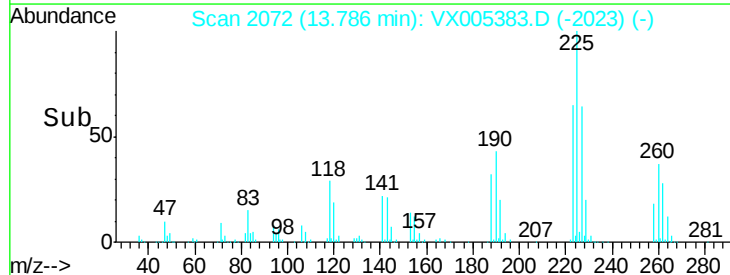
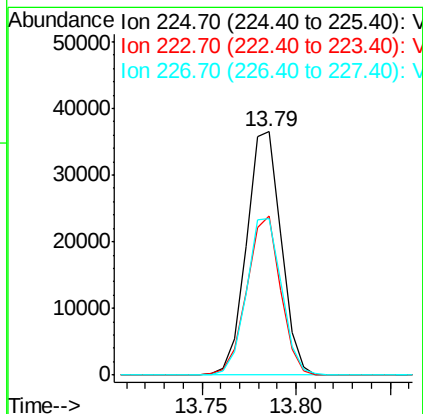
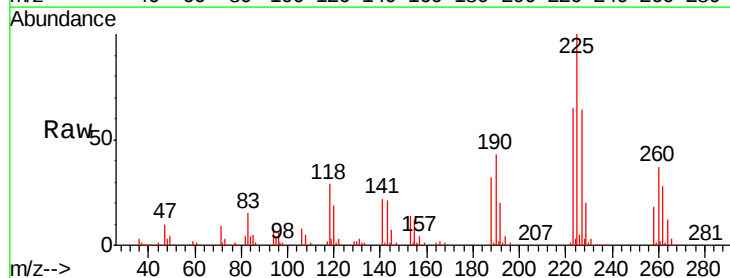
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1017WBS01

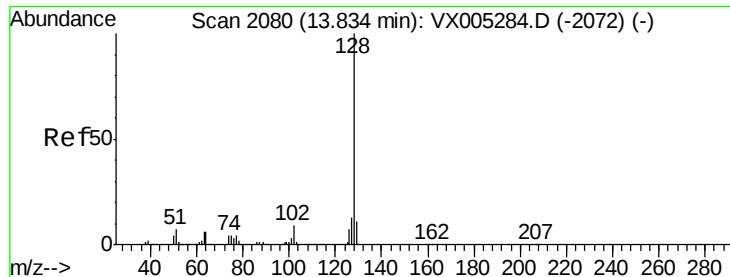
Tgt Ion:180 Resp: 90528
 Ion Ratio Lower Upper
 180 100
 182 97.2 48.4 145.0
 145 27.8 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 18.45 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005383.D
 Acq: 17 Oct 2018 10:24

Tgt Ion:225 Resp: 46475
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.1 90.5
 227 64.8 30.8 92.4





#95

Naphthalene

Concen: 19.63 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Instrument :

MSVOA_X

ClientSampleId :

VX1017WBS01

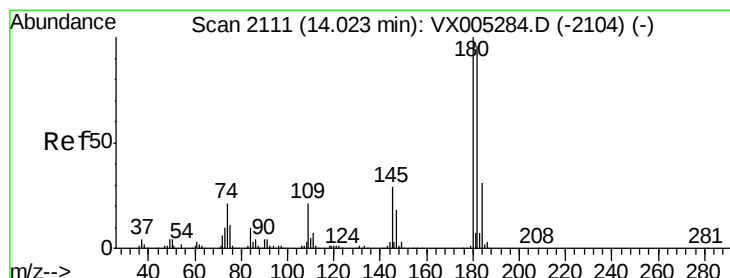
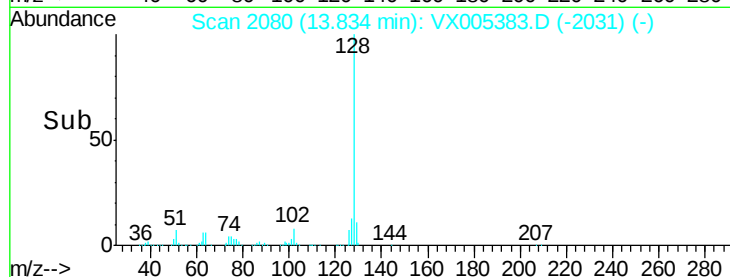
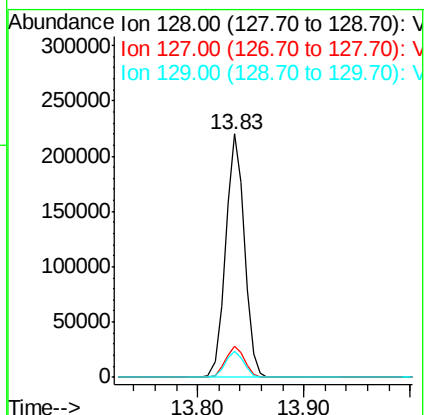
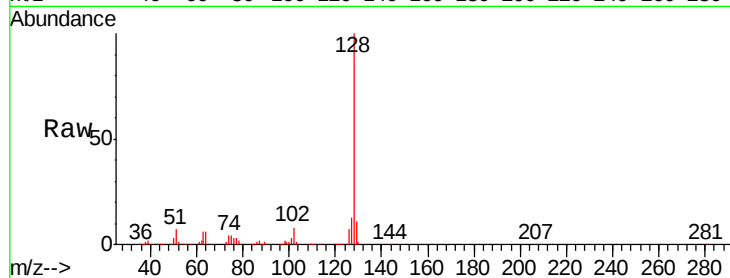
Tgt Ion:128 Resp: 271531

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.27 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005383.D

Acq: 17 Oct 2018 10:24

Tgt Ion:180 Resp: 94056

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 29.5 14.9 44.9

