

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005095.D
 Acq On : 06 Oct 2018 05:06
 Operator : JC/MD
 Sample : VX1005WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Quant Time: Oct 06 06:42:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	211869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289984	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	279571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	170531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	159829	52.81	ug/l	0.00
Spiked Amount			Recovery	=	105.62%	
35) Dibromofluoromethane	5.50	113	129561	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	
50) Toluene-d8	8.71	98	435575	53.31	ug/l	0.00
Spiked Amount			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	11.14	95	161070	54.72	ug/l	0.00
Spiked Amount			Recovery	=	109.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	57988	20.074	ug/l	96
3) Chloromethane	1.32	50	64262	18.336	ug/l	95
4) Vinyl Chloride	1.40	62	67206	20.445	ug/l	96
5) Bromomethane	1.64	94	42825	21.970	ug/l	95
6) Chloroethane	1.72	64	37106	19.283	ug/l #	85
7) Trichlorofluoromethane	1.93	101	87396	21.476	ug/l	98
8) Diethyl Ether	2.19	74	32926	18.625	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47056	20.300	ug/l	96
10) Methyl Iodide	2.51	142	47906	15.444	ug/l	94
11) Tert butyl alcohol	3.07	59	92062	108.788	ug/l	98
12) 1,1-Dichloroethene	2.37	96	44603	19.429	ug/l	95
13) Acrolein	2.29	56	13309	22.104	ug/l	90
14) Allyl chloride	2.72	41	96916	19.349	ug/l	95
15) Acrylonitrile	3.15	53	193290	103.756	ug/l	95
16) Acetone	2.45	43	172874	97.837	ug/l	94
17) Carbon Disulfide	2.56	76	120587	17.481	ug/l	100
18) Methyl Acetate	2.78	43	118479	26.465	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	172158	21.741	ug/l #	90
20) Methylene Chloride	2.85	84	56833	21.646	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	49966	19.883	ug/l	98
22) Diisopropyl ether	3.87	45	182177	21.599	ug/l	97
23) Vinyl Acetate	3.82	43	721510	93.451	ug/l	97
24) 1,1-Dichloroethane	3.69	63	101972	20.267	ug/l	99
25) 2-Butanone	4.70	43	263535	101.183	ug/l #	87
26) 2,2-Dichloropropane	4.59	77	48861	13.946	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	55008	19.594	ug/l	94
28) Bromochloromethane	5.02	49	47374	19.995	ug/l	98
29) Tetrahydrofuran	5.15	42	175902	108.661	ug/l	96
30) Chloroform	5.21	83	94856	19.948	ug/l	87
31) Cyclohexane	5.57	56	76536	19.875	ug/l #	77
32) 1,1,1-Trichloroethane	5.49	97	80074	20.619	ug/l	96
36) 1,1-Dichloropropene	5.79	75	63689	18.994	ug/l	96
37) Ethyl Acetate	4.86	43	90240	20.274	ug/l	97
38) Carbon Tetrachloride	5.78	117	67984	19.288	ug/l	97

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 ClientSampleID :
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Quant Time: Oct 06 06:42:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64893	18.953	ug/l	86
40) Benzene	6.14	78	198698	18.928	ug/l	95
41) Methacrylonitrile	5.06	41	53305	21.595	ug/l	99
42) 1,2-Dichloroethane	6.20	62	74015	19.945	ug/l	100
43) Isopropyl Acetate	6.46	43	124394	19.363	ug/l	94
44) Trichloroethene	7.21	130	50891	19.720	ug/l	96
45) 1,2-Dichloropropane	7.52	63	53429	20.754	ug/l	94
46) Dibromomethane	7.66	93	32628	20.167	ug/l	98
47) Bromodichloromethane	7.90	83	62535	20.645	ug/l	98
48) Methyl methacrylate	7.78	41	62151	21.314	ug/l	99
49) 1,4-Dioxane	7.76	88	28435	392.519	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	442665	109.434	ug/l	99
52) Toluene	8.79	92	117102	20.301	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	62182	18.166	ug/l	94
54) cis-1,3-Dichloropropene	8.44	75	69709	19.443	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	49781	19.702	ug/l	95
56) Ethyl methacrylate	9.18	69	71855	19.384	ug/l	99
57) 1,3-Dichloropropane	9.37	76	83388	19.829	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	220644	109.815	ug/l	100
59) 2-Hexanone	9.50	43	345854	102.603	ug/l	94
60) Dibromochloromethane	9.59	129	49346	19.528	ug/l	98
61) 1,2-Dibromoethane	9.67	107	51806	19.145	ug/l	96
64) Tetrachloroethene	9.34	164	58633	21.309	ug/l	97
65) Chlorobenzene	10.14	112	130434	18.194	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	47965	19.031	ug/l	99
67) Ethyl Benzene	10.26	91	216283	19.003	ug/l	97
68) m/p-Xylenes	10.36	106	168757	37.943	ug/l	96
69) o-Xylene	10.70	106	80820	19.784	ug/l	99
70) Styrene	10.71	104	137332	19.345	ug/l	99
71) Bromoform	10.86	173	39396	18.258	ug/l #	96
73) Isopropylbenzene	11.02	105	221803	20.635	ug/l	100
74) N-amyl acetate	10.90	43	101938	18.399	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	80761	18.458	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	88622	23.186	ug/l	83
77) Bromobenzene	11.26	156	60744	19.456	ug/l	99
78) n-propylbenzene	11.36	91	252675	20.488	ug/l	99
79) 2-Chlorotoluene	11.42	91	155321	20.205	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	186517	18.809	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	18565	14.708	ug/l	95
82) 4-Chlorotoluene	11.51	91	183139	20.240	ug/l	99
83) tert-Butylbenzene	11.77	119	180311	20.375	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	194272	18.999	ug/l	98
85) sec-Butylbenzene	11.94	105	225426	20.913	ug/l	99
86) p-Isopropyltoluene	12.07	119	197610	20.234	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	112554	19.307	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	113937	18.932	ug/l	99
89) n-Butylbenzene	12.39	91	170263	19.196	ug/l	99
90) Hexachloroethane	12.60	117	30465	18.736	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	112478	18.462	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18757	19.524	ug/l	99

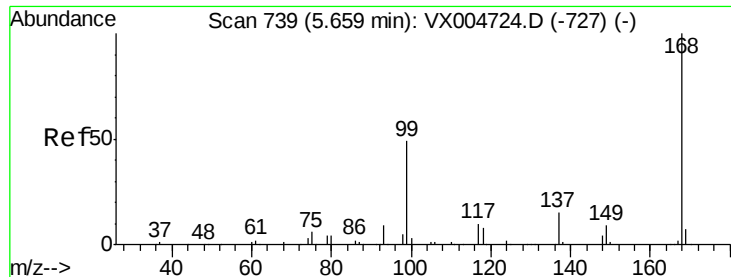
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005095.D
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	82511	19.307	ug/l	98
94) Hexachlorobutadiene	13.79	225	41577	18.761	ug/l	99
95) Naphthalene	13.83	128	256763	18.560	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	87260	19.765	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

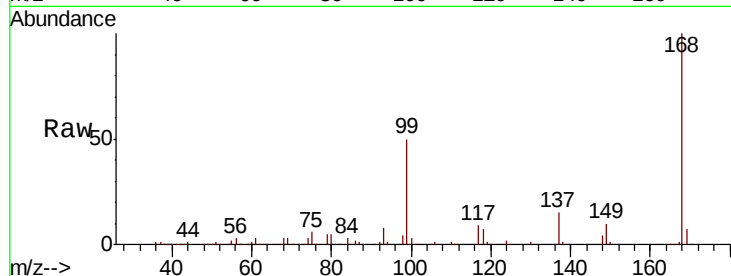
VX1005WBSD02

Tot Ion:168 Resp: 211869

Ion Ratio Lower Upper

168 100

99 50.0 39.3 58.9

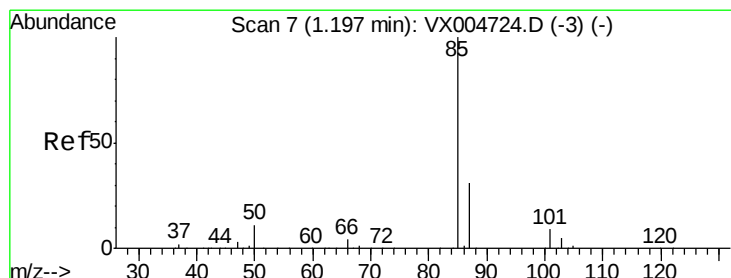
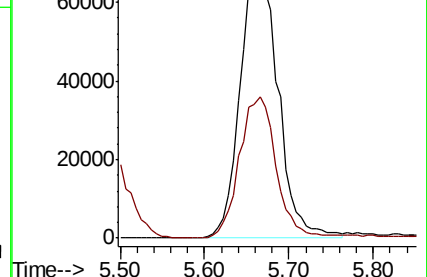
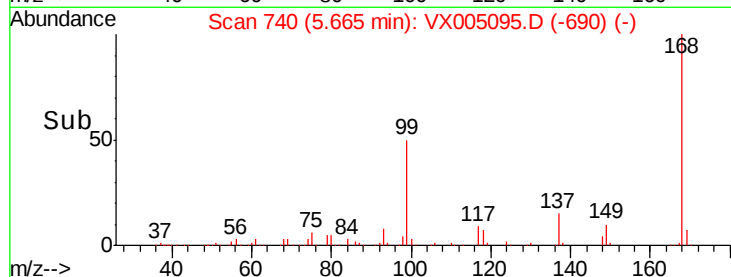


Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 20.074 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005095.D

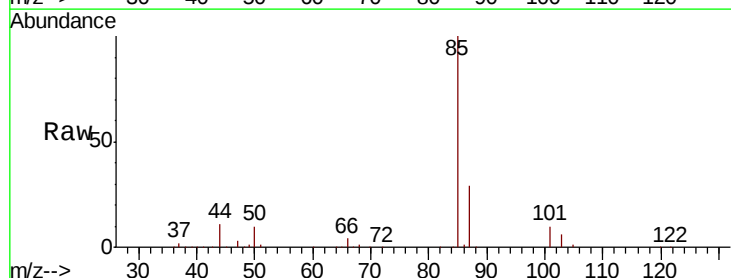
Acq: 06 Oct 2018 05:06

Tgt Ion: 85 Resp: 57988

Ion Ratio Lower Upper

85 100

87 29.3 15.7 47.1

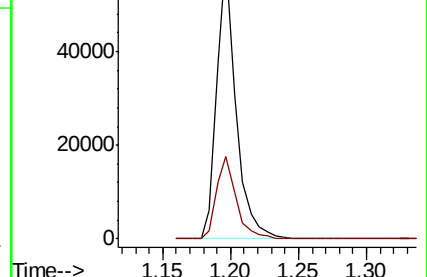
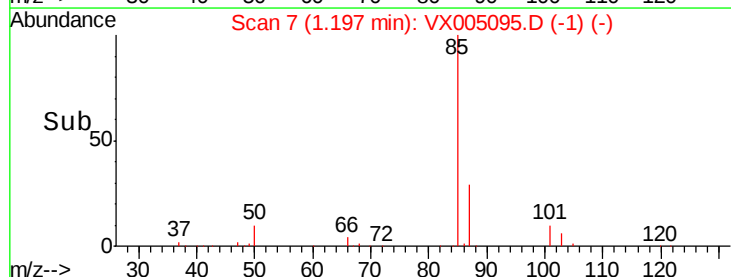


Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004724.D (-3) (-)

1.20

Time-->





#3

Chloromethane

Concen: 18.336 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

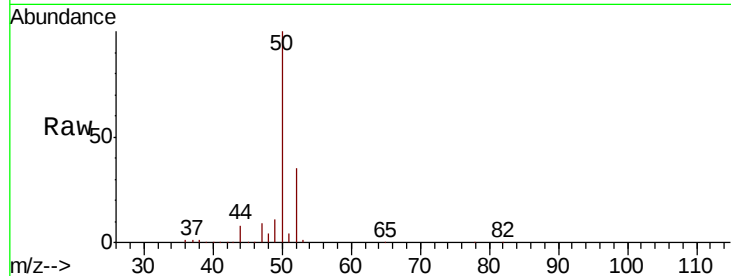
VX1005WBSD02

Tot Ion: 50 Resp: 64262

Ion Ratio Lower Upper

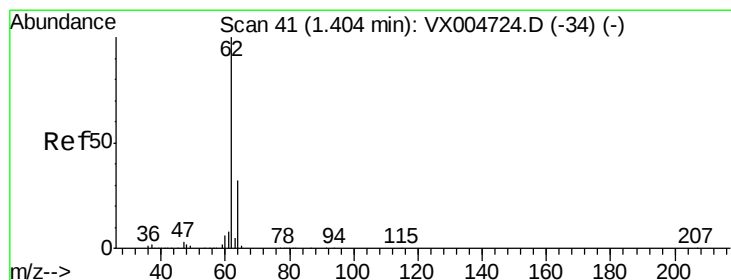
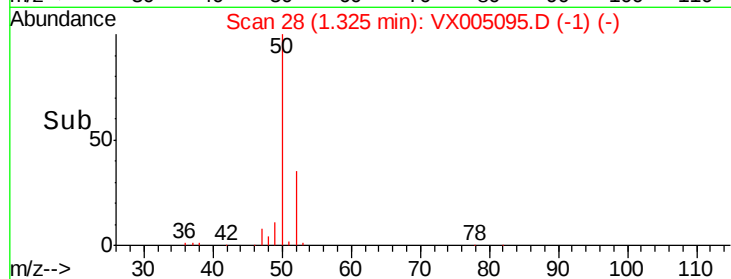
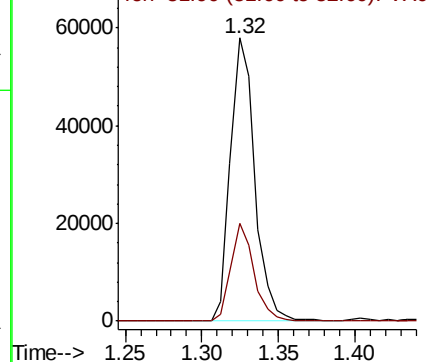
50 100

52 34.8 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 20.445 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005095.D

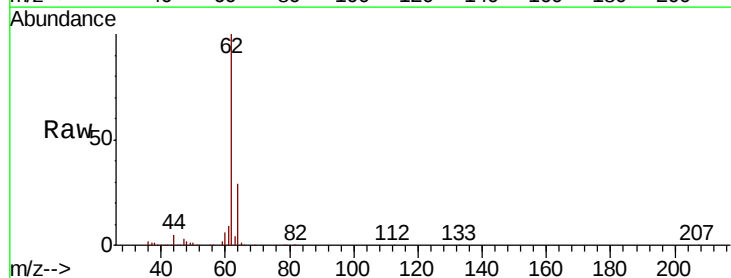
Acq: 06 Oct 2018 05:06

Tgt Ion: 62 Resp: 67206

Ion Ratio Lower Upper

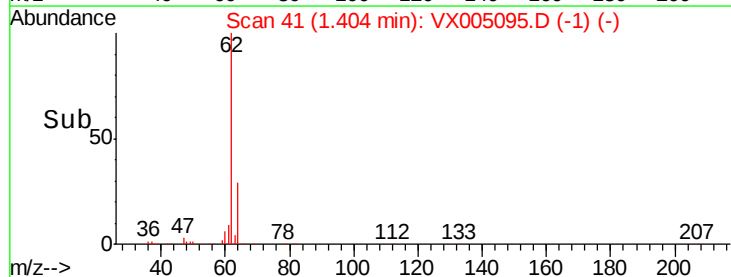
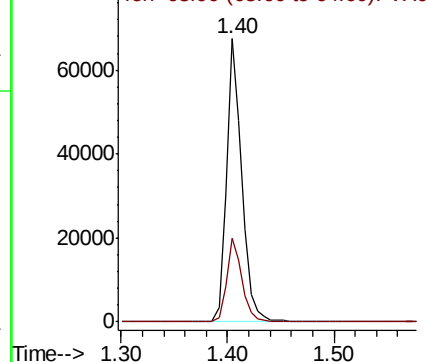
62 100

64 29.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.970 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

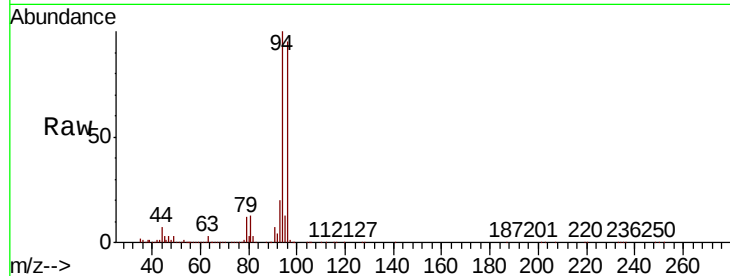
VX1005WBSD02

Tot Ion: 94 Resp: 42825

Ion Ratio Lower Upper

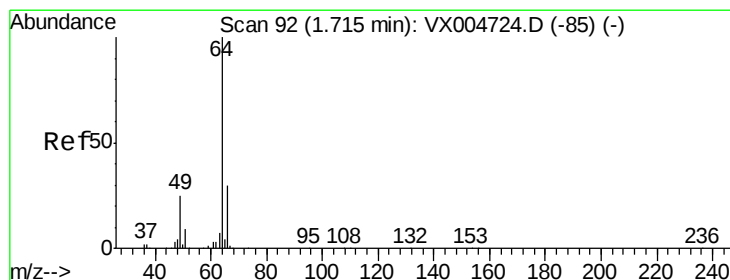
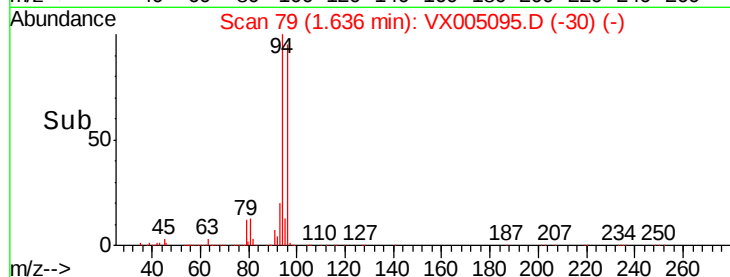
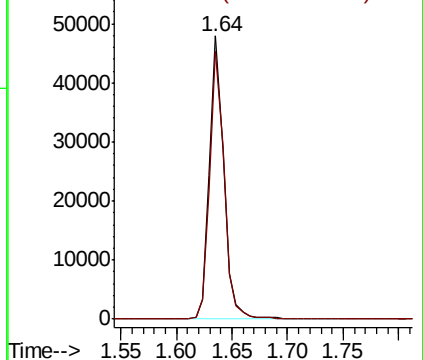
94 100

96 94.7 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 19.283 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005095.D

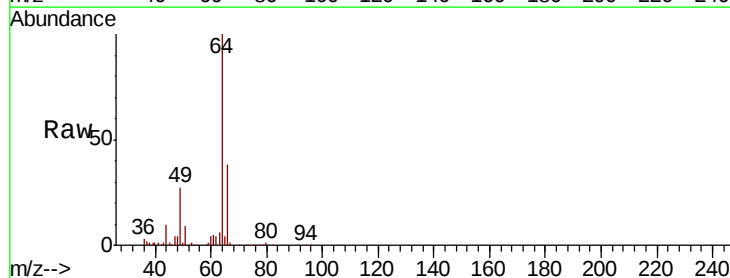
Acq: 06 Oct 2018 05:06

Tgt Ion: 64 Resp: 37106

Ion Ratio Lower Upper

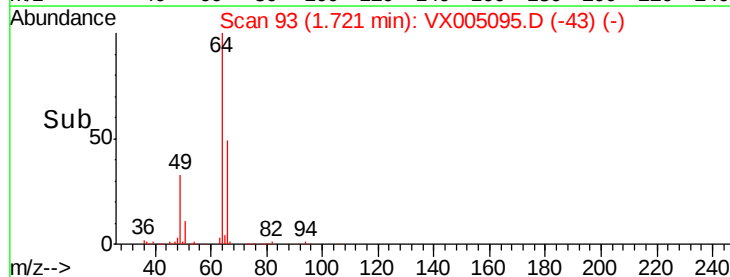
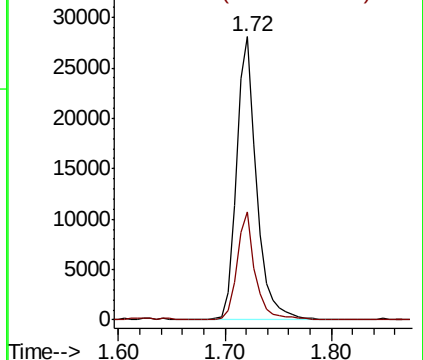
64 100

66 38.0 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



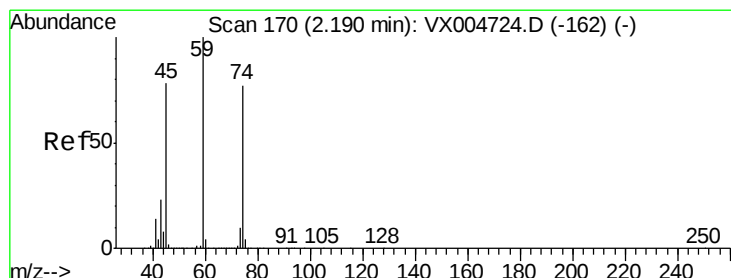
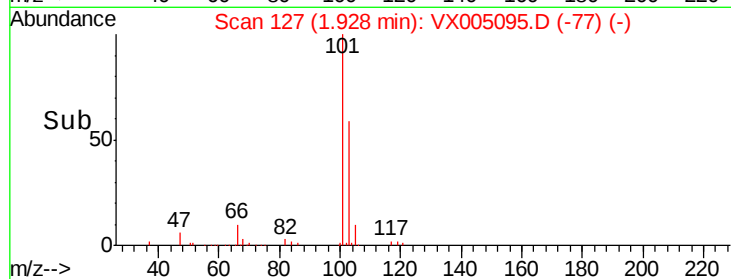
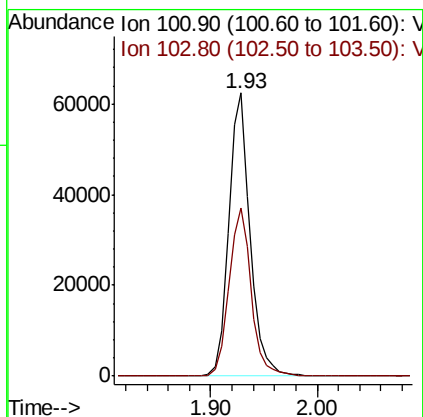
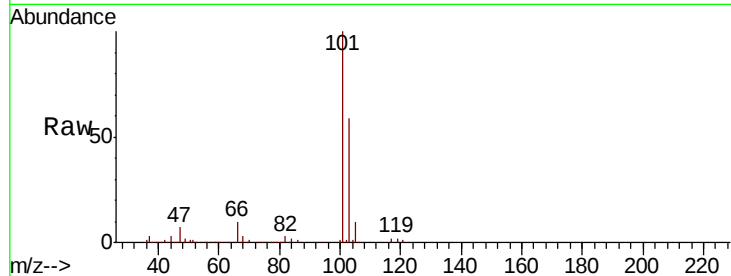


#7

Trichlorofluoromethane
 Concen: 21.476 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

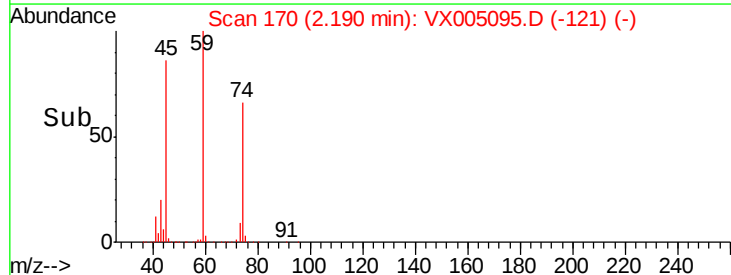
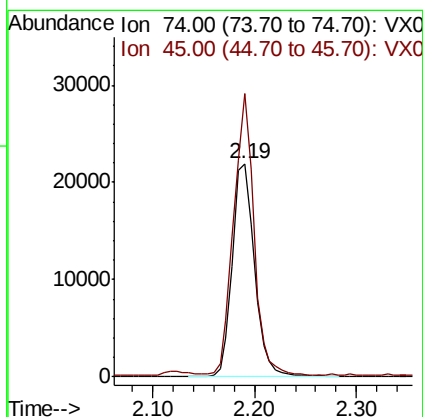
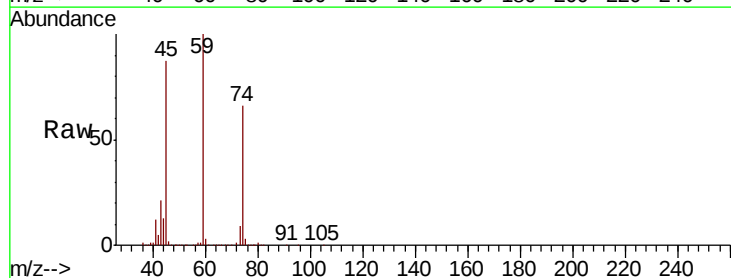
Tot Ion:101 Resp: 87396
 Ion Ratio Lower Upper
 101 100
 103 59.3 48.4 72.6

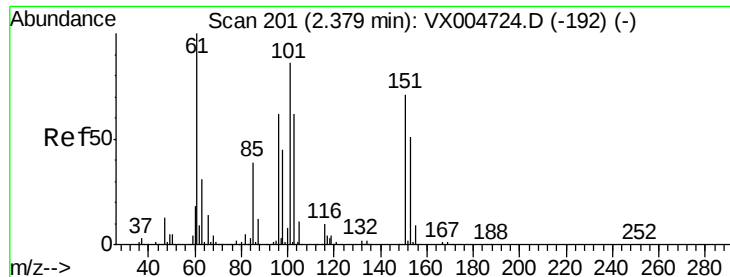


#8

Diethyl Ether
 Concen: 18.625 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 74 Resp: 32926
 Ion Ratio Lower Upper
 74 100
 45 120.3 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.300 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

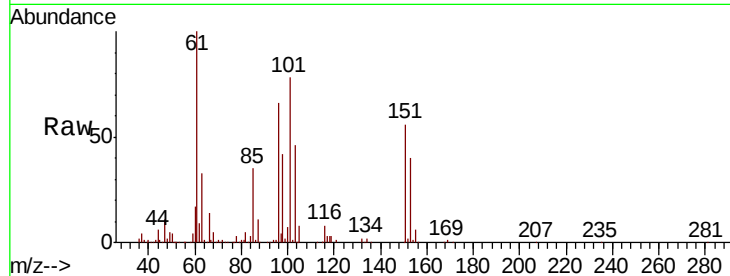
Tot Ion:101 Resp: 47056

Ion Ratio Lower Upper

101 100

85 43.3 35.9 53.9

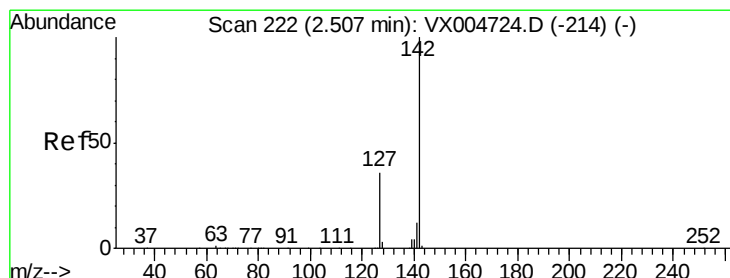
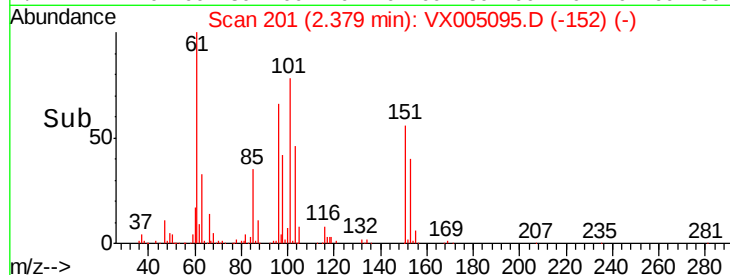
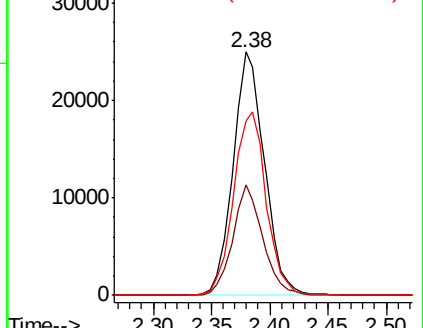
151 78.7 66.6 100.0



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: 15.444 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

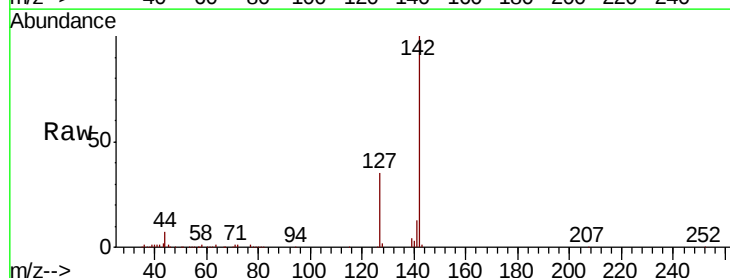
Tgt Ion:142 Resp: 47906

Ion Ratio Lower Upper

142 100

127 41.5 30.1 45.1

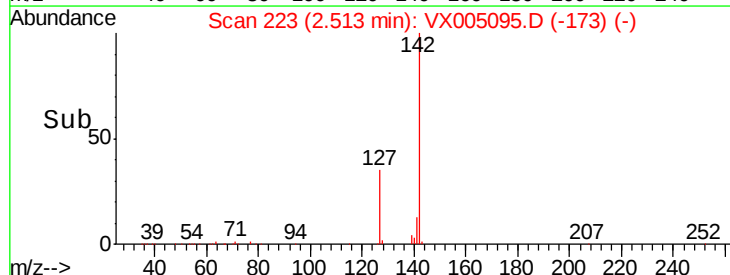
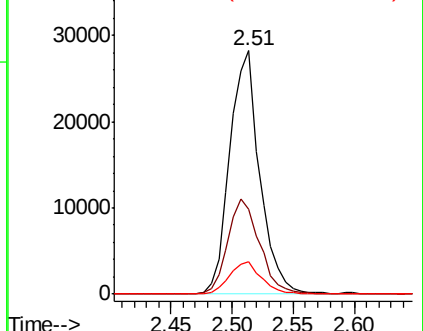
141 14.0 10.1 15.1

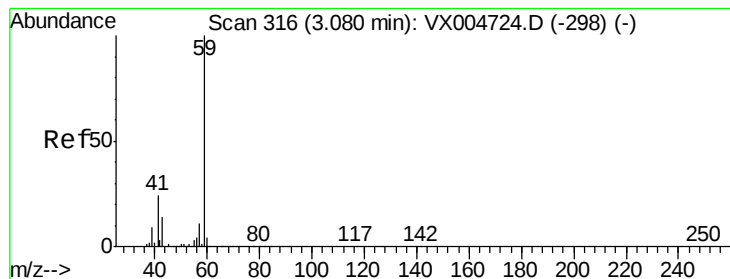


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



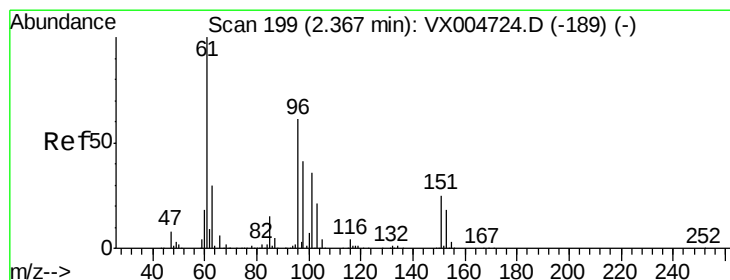
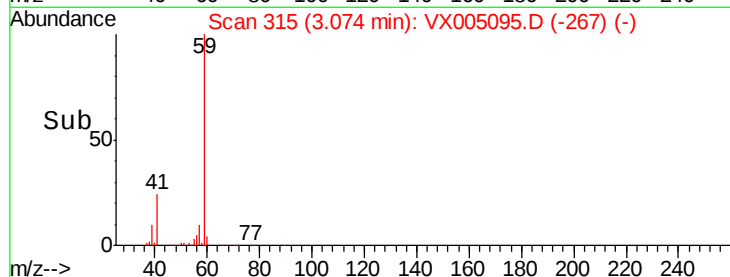
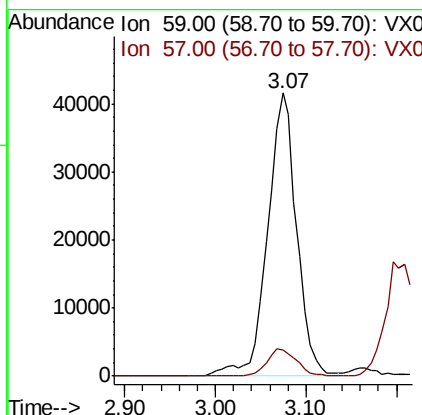
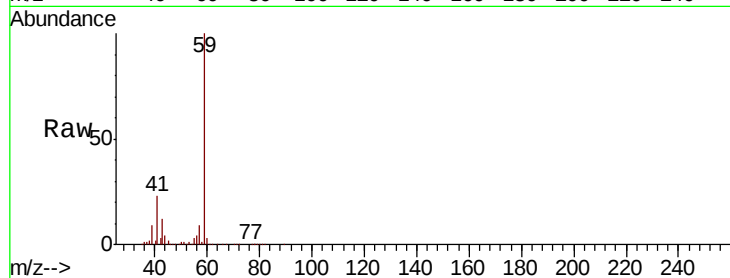


#11

Tert butyl alcohol
 Concen: 108.788 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

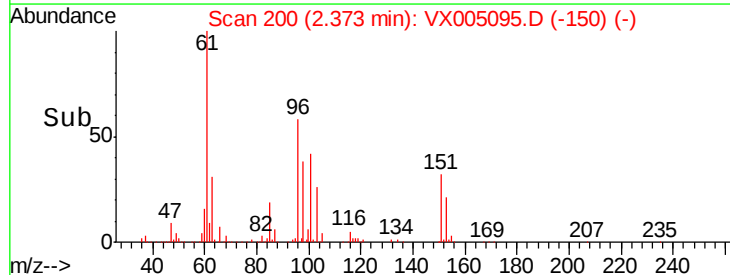
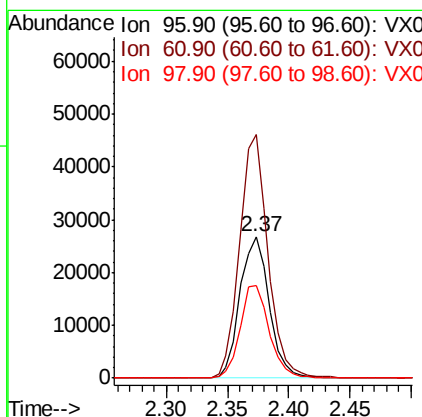
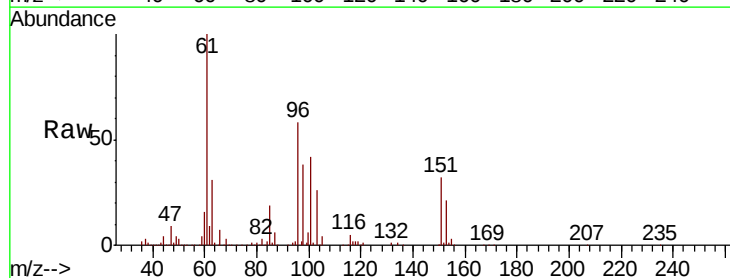
Tot Ion: 59 Resp: 92062
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

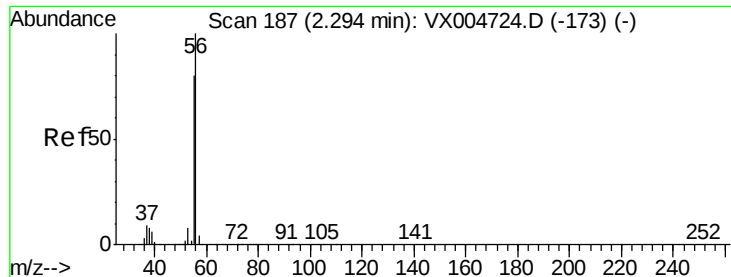


#12

1,1-Dichloroethene
 Concen: 19.429 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 96 Resp: 44603
 Ion Ratio Lower Upper
 96 100
 61 171.5 130.2 195.4
 98 65.5 53.4 80.0





#13

Acrolein

Concen: 22.104 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

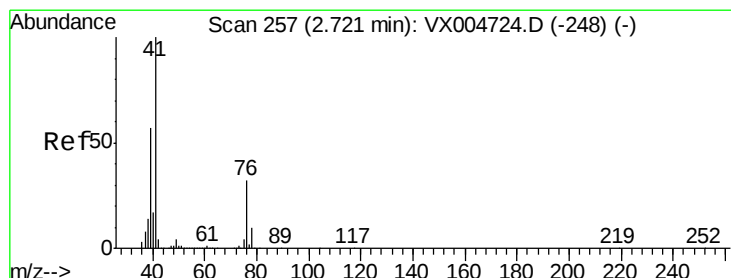
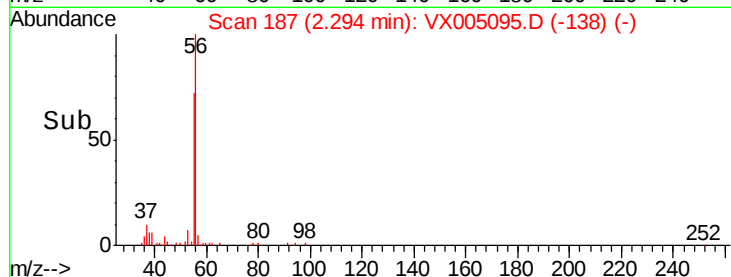
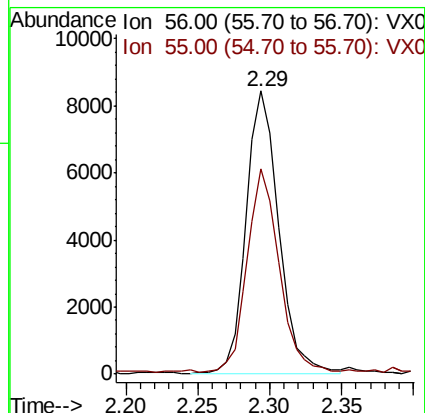
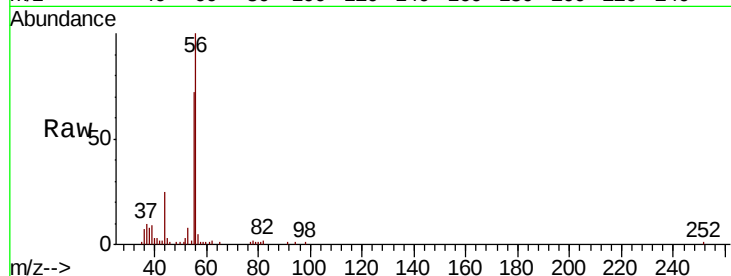
VX1005WBSD02

Tot Ion: 56 Resp: 13309

Ion Ratio Lower Upper

56 100

55 70.6 63.4 95.2



#14

Allyl chloride

Concen: 19.349 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

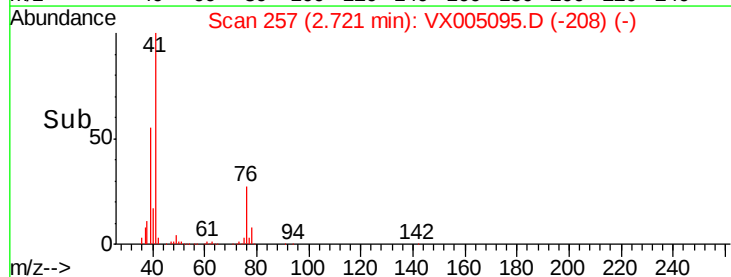
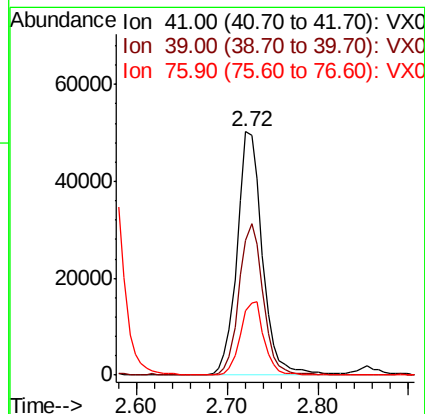
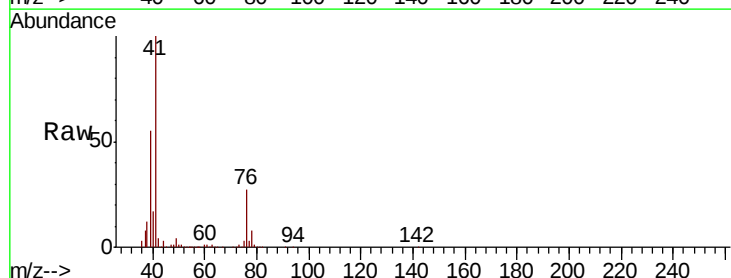
Tgt Ion: 41 Resp: 96916

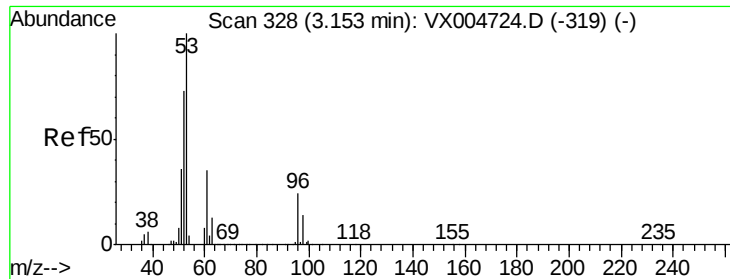
Ion Ratio Lower Upper

41 100

39 58.9 44.1 66.1

76 28.6 25.0 37.4





#15

Acrylonitrile

Concen: 103.756 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

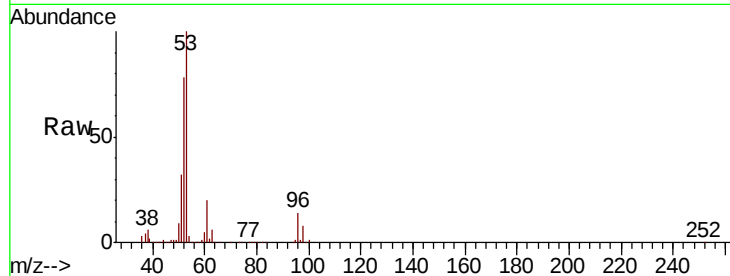
Tot Ion: 53 Resp: 193290

Ion Ratio Lower Upper

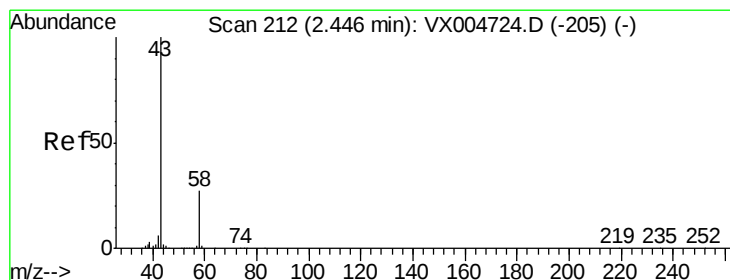
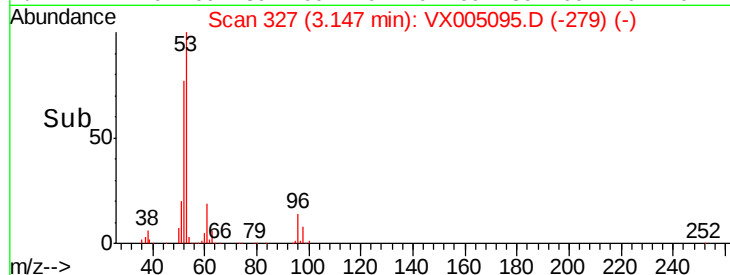
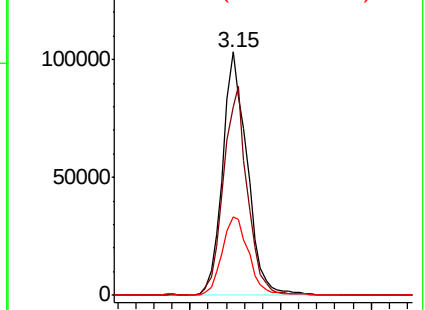
53 100

52 84.3 63.0 94.4

51 35.4 28.6 42.8



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



#16

Acetone

Concen: 97.837 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005095.D

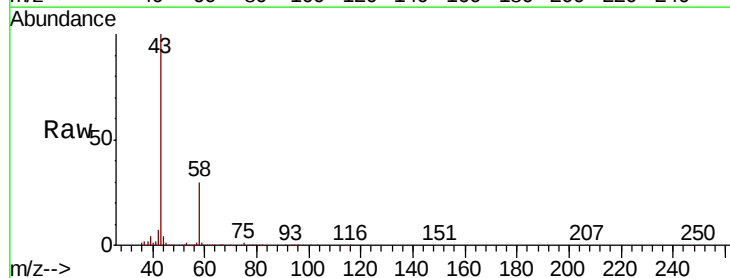
Acq: 06 Oct 2018 05:06

Tgt Ion: 43 Resp: 172874

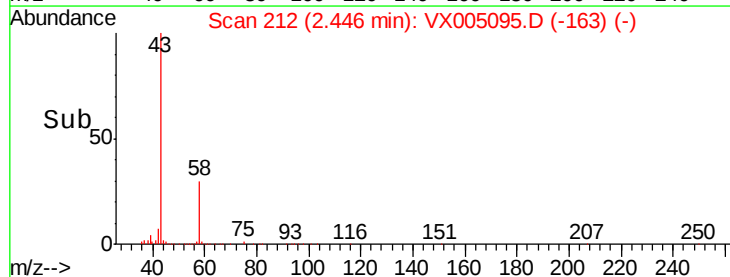
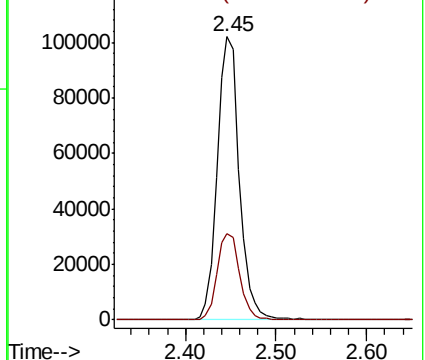
Ion Ratio Lower Upper

43 100

58 30.5 21.8 32.6



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

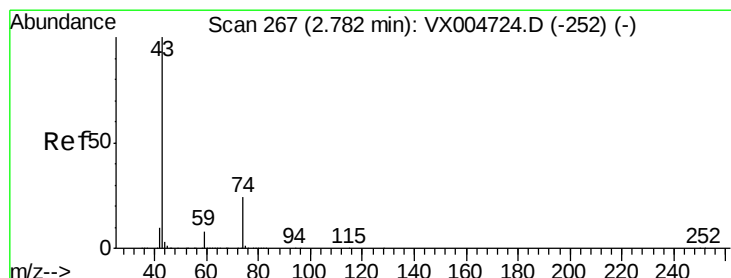
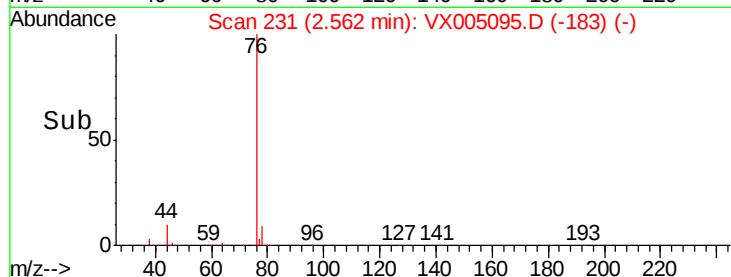
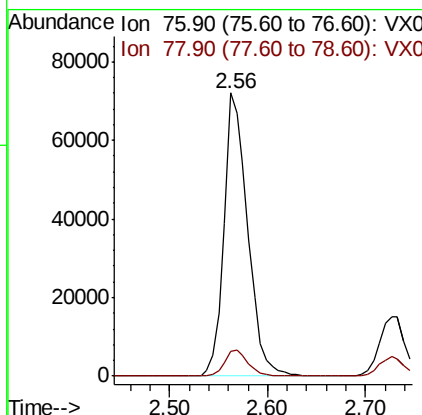
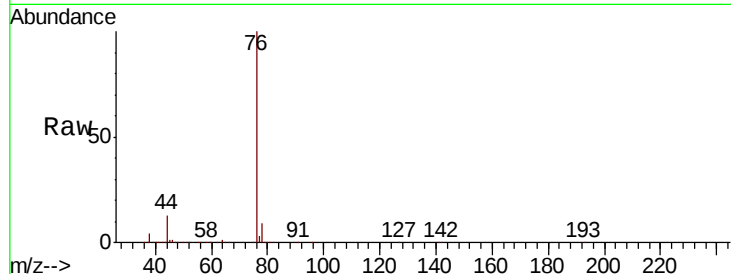




#17
Carbon Disulfide
Concen: 17.481 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

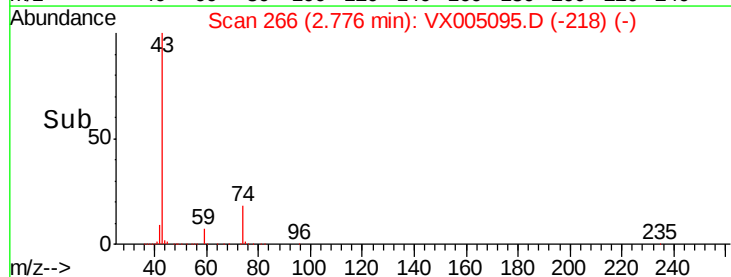
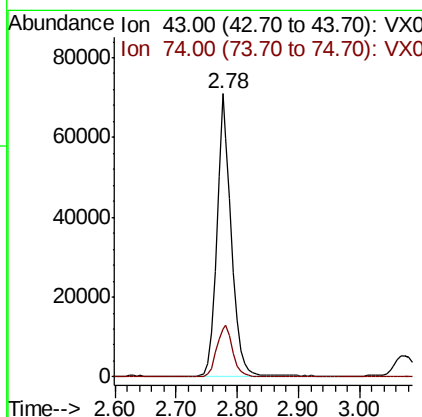
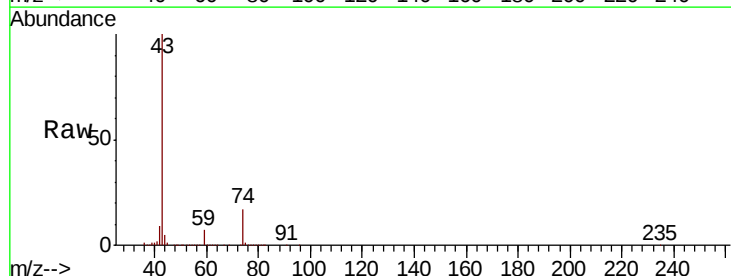
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

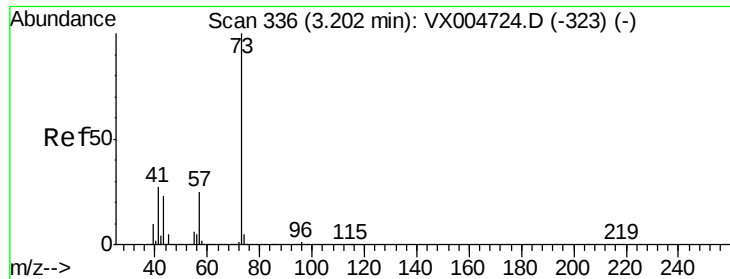
Tot Ion: 76 Resp: 120587
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6



#18
Methyl Acetate
Concen: 26.465 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 43 Resp: 118479
Ion Ratio Lower Upper
43 100
74 20.6 17.8 26.8



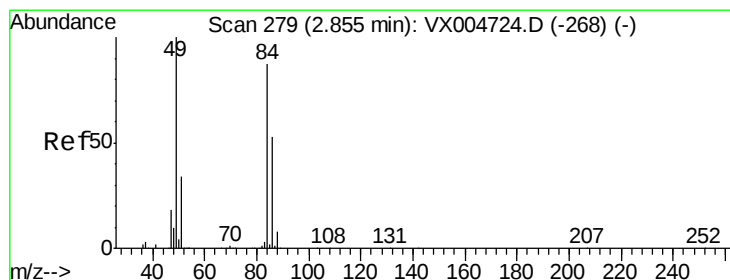
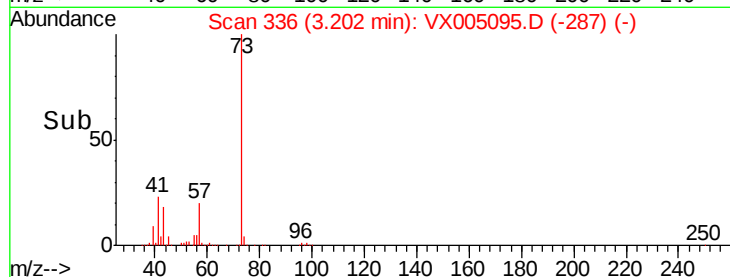
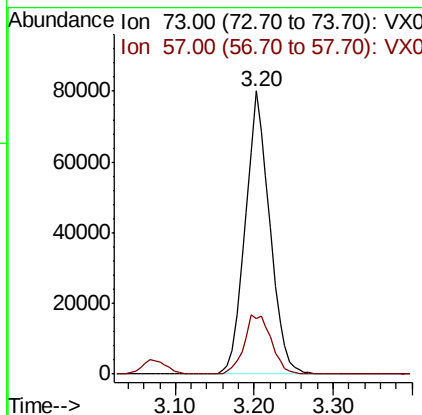
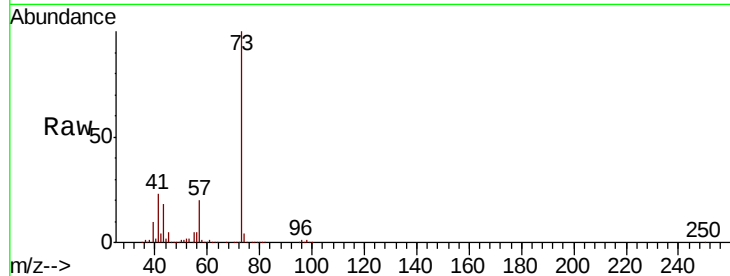


#19

Methyl tert-butyl Ether
 Concen: 21.741 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

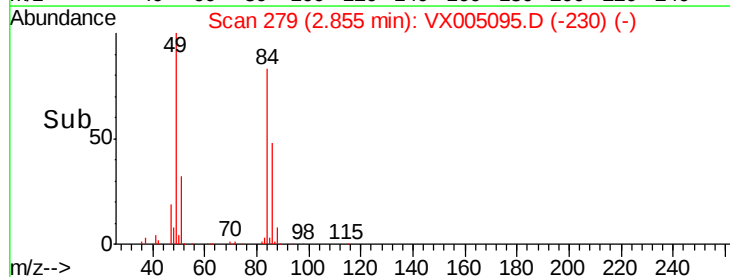
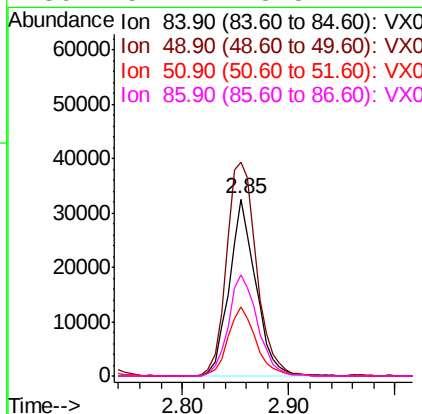
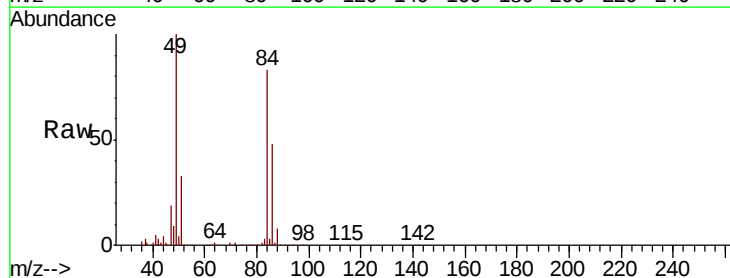
Tot Ion: 73 Resp: 172158
 Ion Ratio Lower Upper
 73 100
 57 19.8 19.9 29.9#

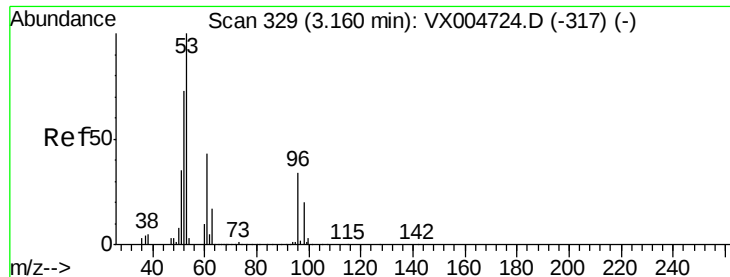


#20

Methylene Chloride
 Concen: 21.646 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 84 Resp: 56833
 Ion Ratio Lower Upper
 84 100
 49 120.3 92.3 138.5
 51 39.0 31.8 47.6
 86 57.4 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.883 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

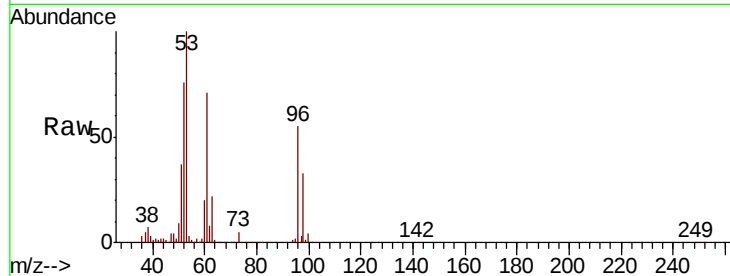
Tot Ion: 96 Resp: 49966

Ion Ratio Lower Upper

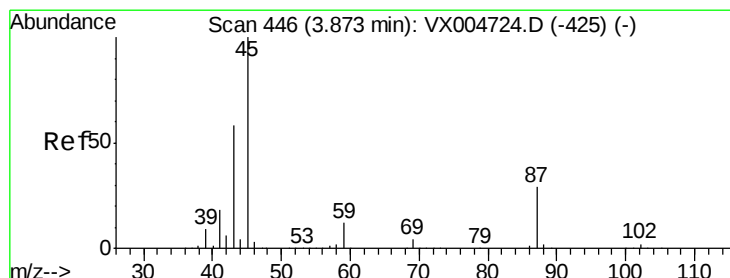
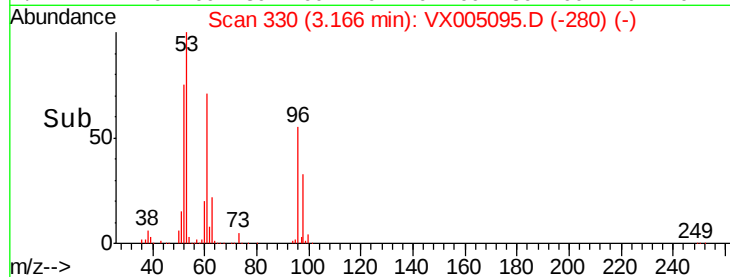
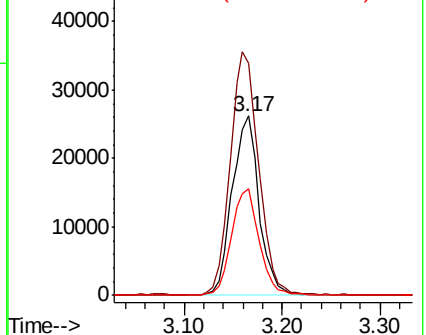
96 100

61 129.3 101.0 151.6

98 59.2 47.2 70.8



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



#22

Diisopropyl ether

Concen: 21.599 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion: 45 Resp: 182177

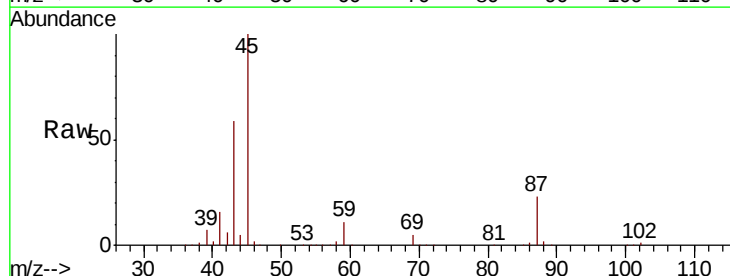
Ion Ratio Lower Upper

45 100

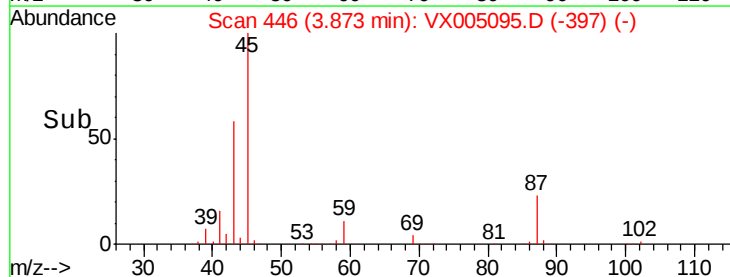
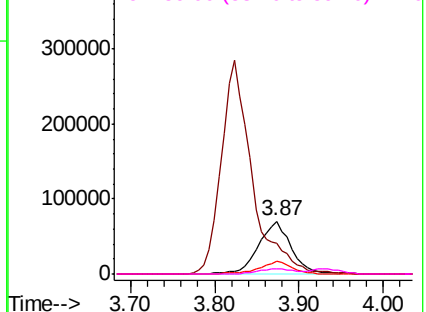
43 58.3 46.7 70.1

87 23.3 22.9 34.3

59 10.6 9.3 13.9



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





#23

Vinyl Acetate

Concen: 93.451 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

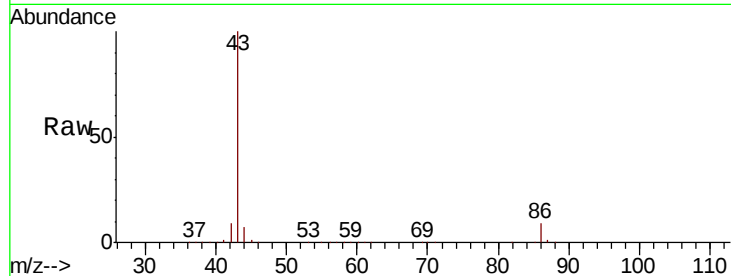
VX1005WBSD02

Tot Ion: 43 Resp: 721510

Ion Ratio Lower Upper

43 100

86 9.0 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

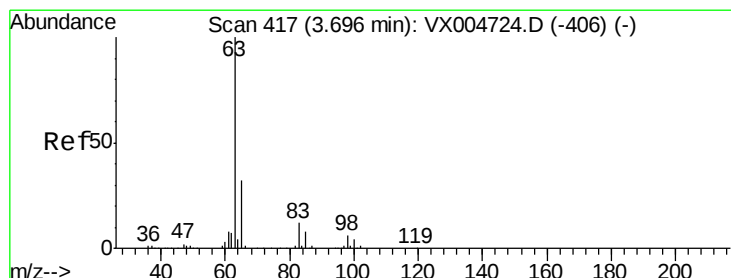
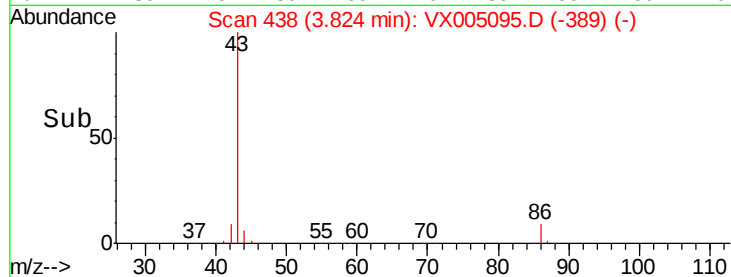
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.267 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

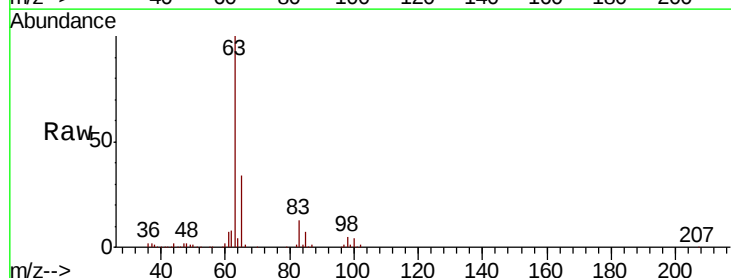
Tgt Ion: 63 Resp: 101972

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 4.1 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

50000

40000

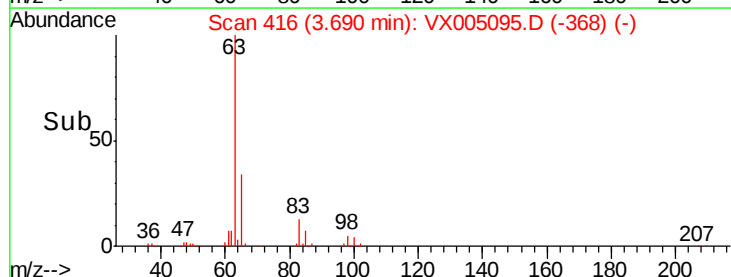
30000

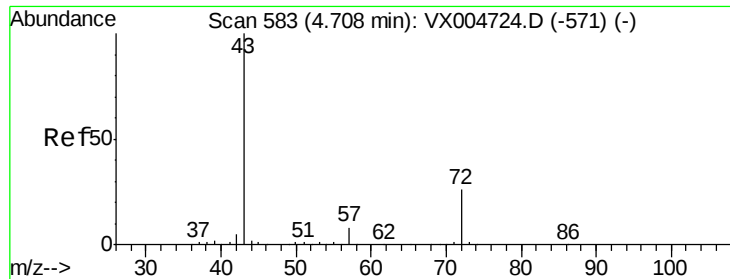
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.183 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

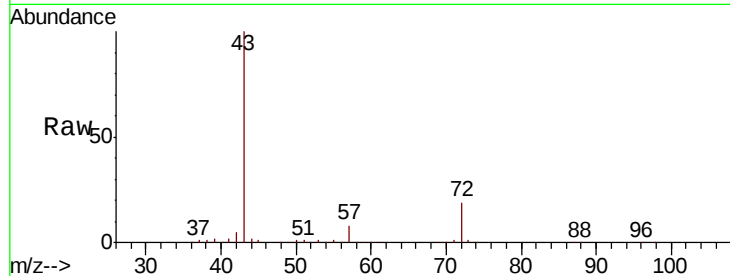
VX1005WBSD02

Tot Ion: 43 Resp: 263535

Ion Ratio Lower Upper

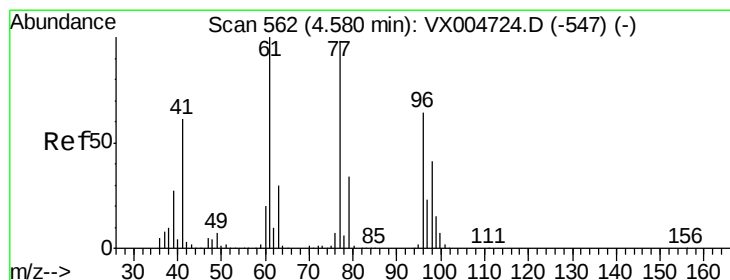
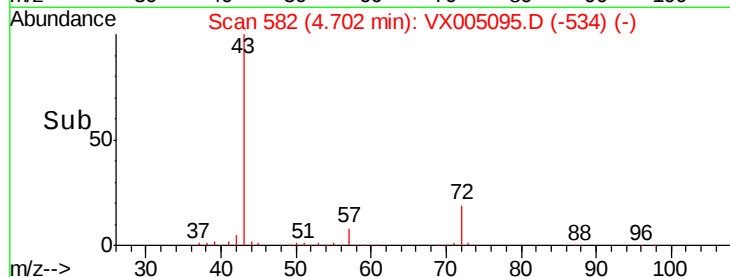
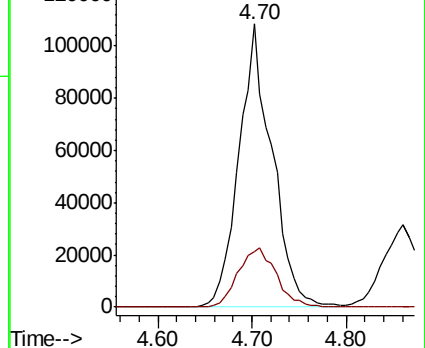
43 100

72 19.4 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 13.946 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005095.D

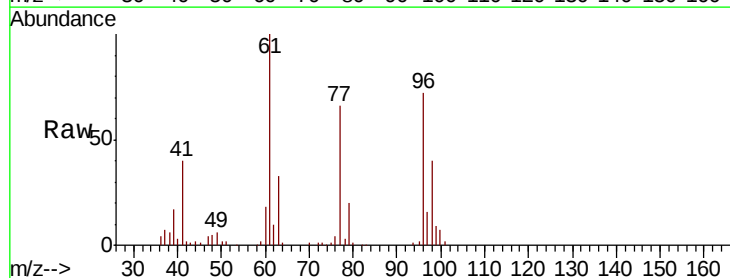
Acq: 06 Oct 2018 05:06

Tgt Ion: 77 Resp: 48861

Ion Ratio Lower Upper

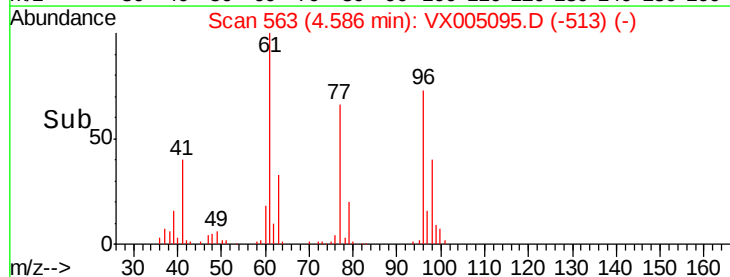
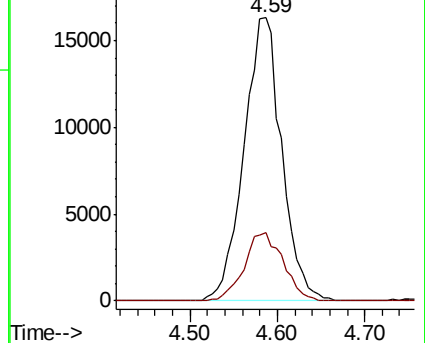
77 100

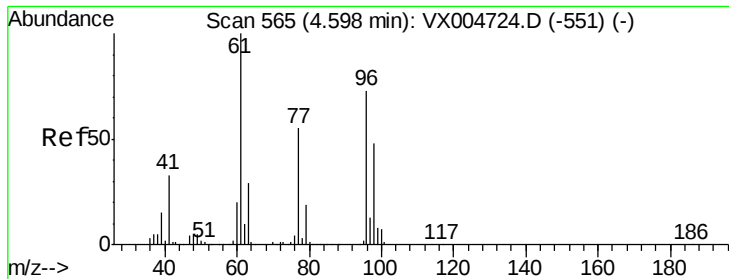
97 24.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



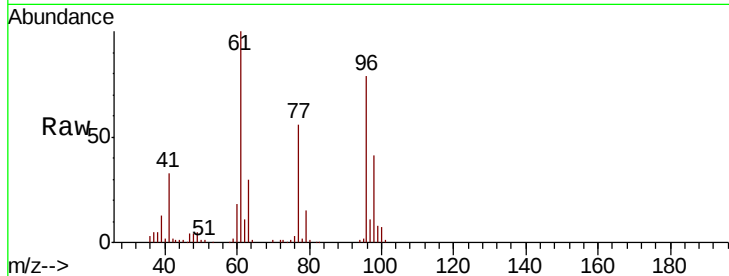


#27

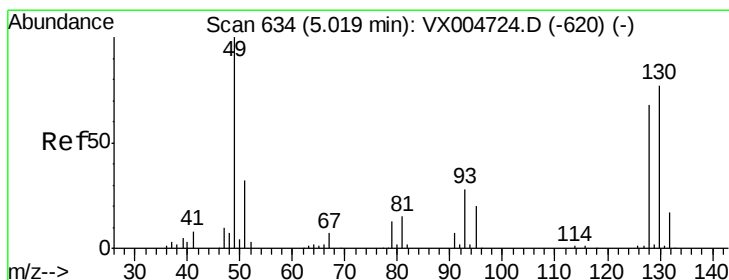
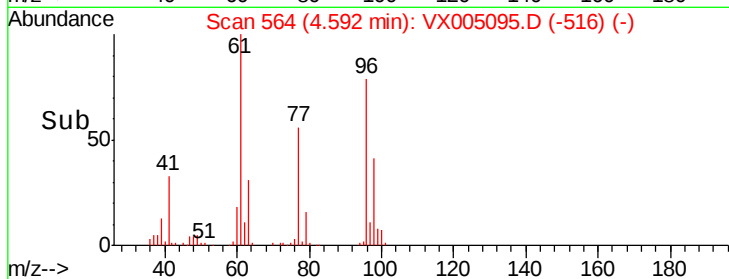
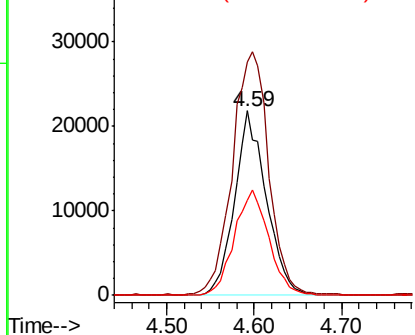
cis-1,2-Dichloroethene
Concen: 19.594 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 96 Resp: 55008
Ion Ratio Lower Upper
96 100
61 149.8 0.0 285.8
98 62.1 0.0 136.2



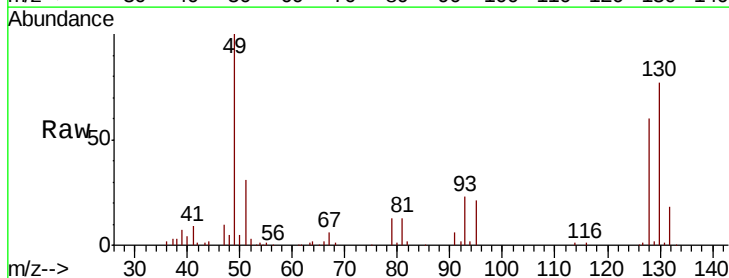
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



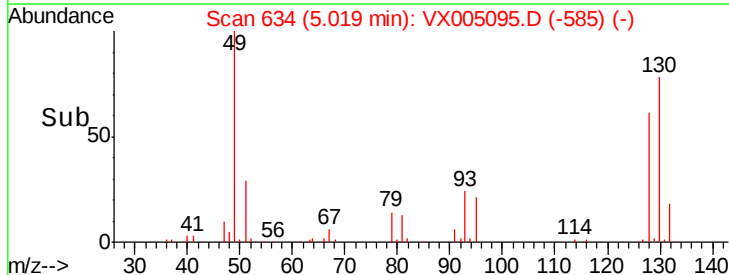
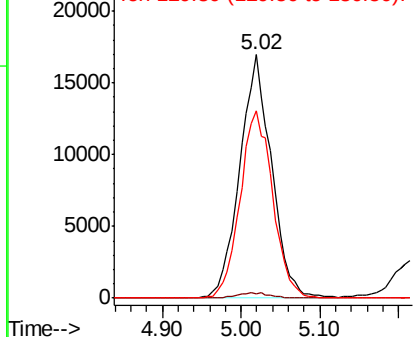
#28

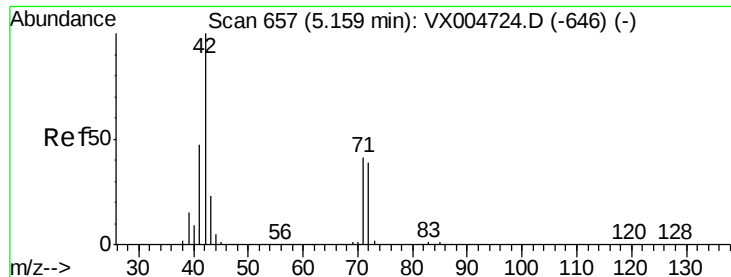
Bromochloromethane
Concen: 19.995 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 49 Resp: 47374
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 79.0 62.0 93.0



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

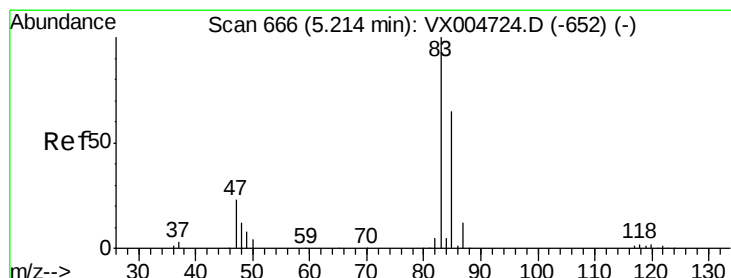
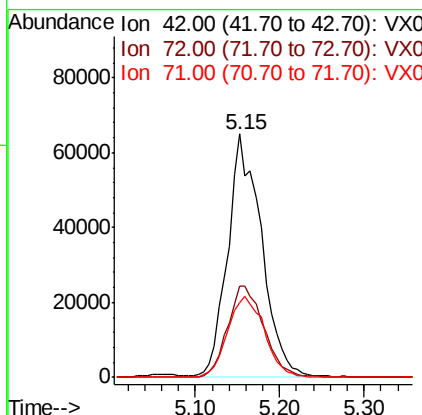
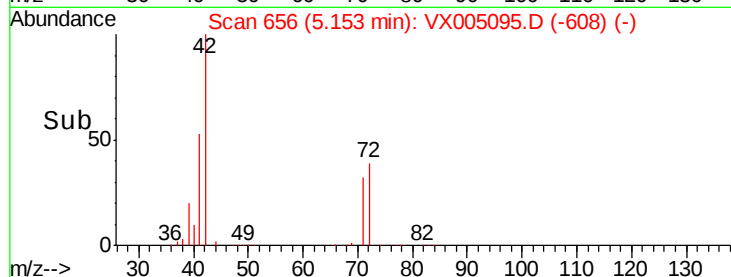
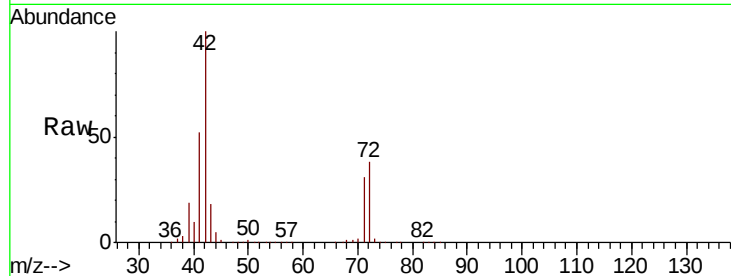




#29
Tetrahydrofuran
Concen: 108.661 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

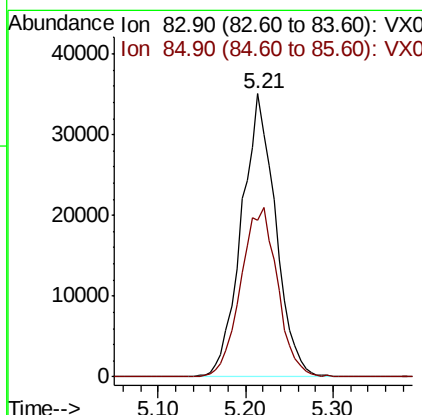
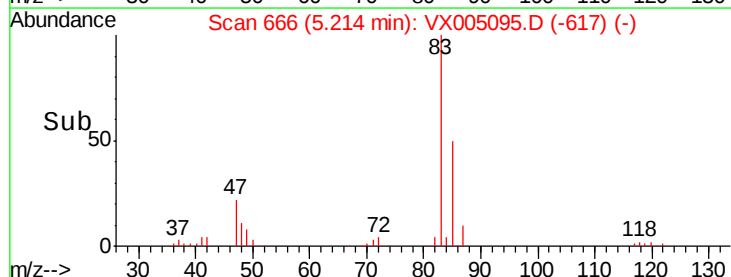
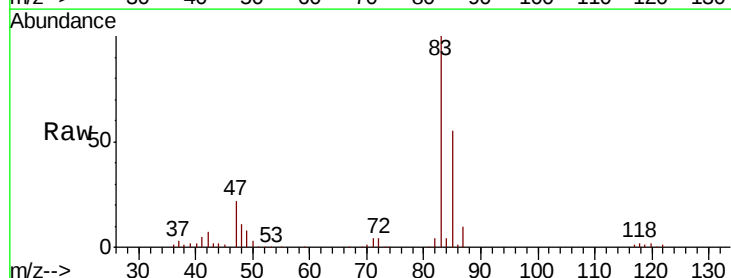
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

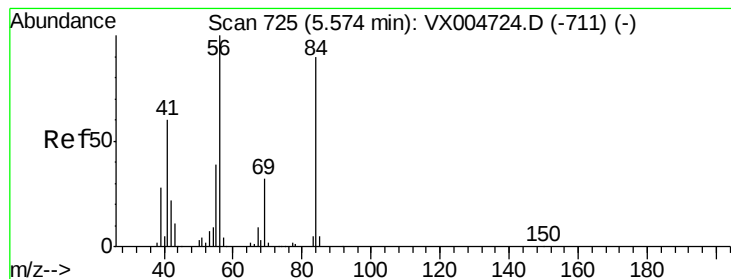
Tot Ion: 42 Resp: 175902
Ion Ratio Lower Upper
42 100
72 40.9 33.7 50.5
71 36.7 32.2 48.4



#30
Chloroform
Concen: 19.948 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 83 Resp: 94856
Ion Ratio Lower Upper
83 100
85 55.5 52.4 78.6





#31

Cyclohexane

Concen: 19.875 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

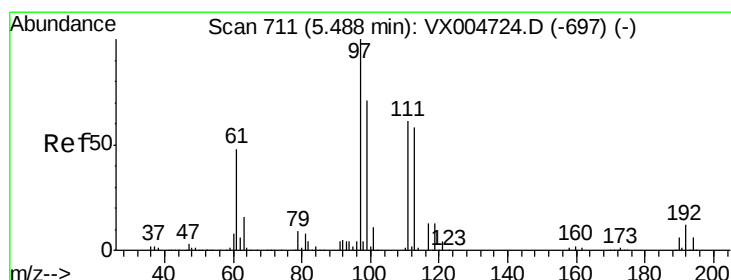
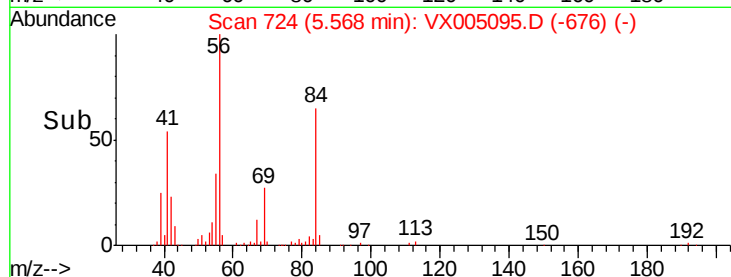
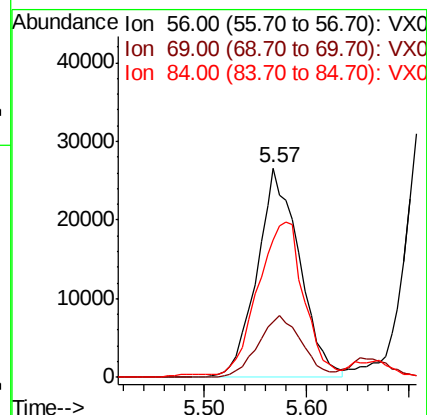
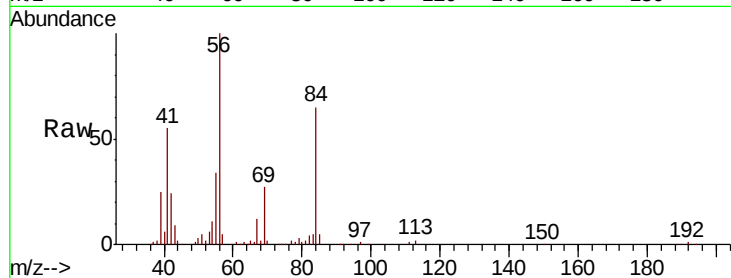
Tot Ion: 56 Resp: 76536

Ion Ratio Lower Upper

56 100

69 26.5 25.9 38.9

84 64.2 71.9 107.9#



#32

1,1,1-Trichloroethane

Concen: 20.619 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

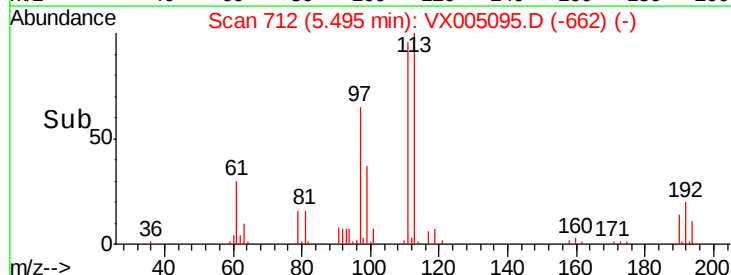
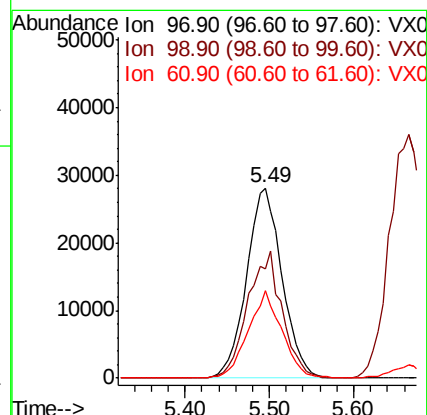
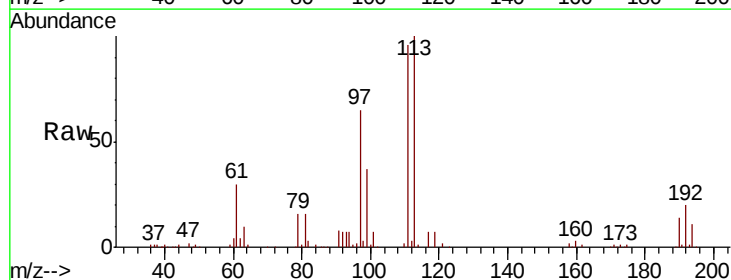
Tgt Ion: 97 Resp: 80074

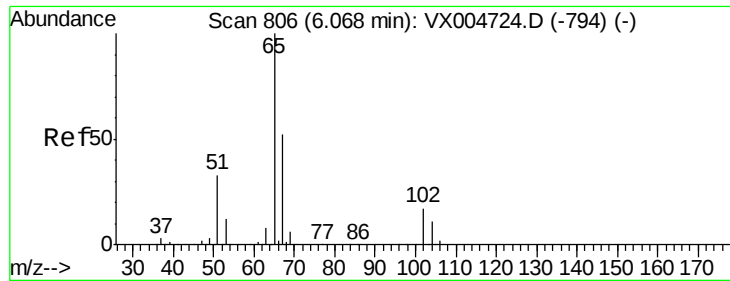
Ion Ratio Lower Upper

97 100

99 64.9 54.6 82.0

61 43.8 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 52.809 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

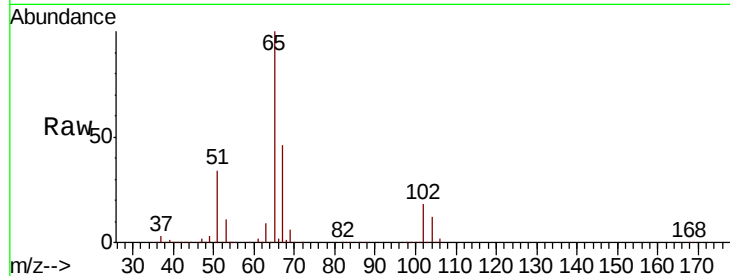
VX1005WBSD02

Tot Ion: 65 Resp: 159829

Ion Ratio Lower Upper

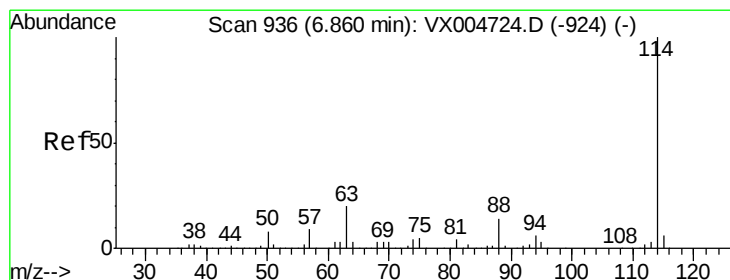
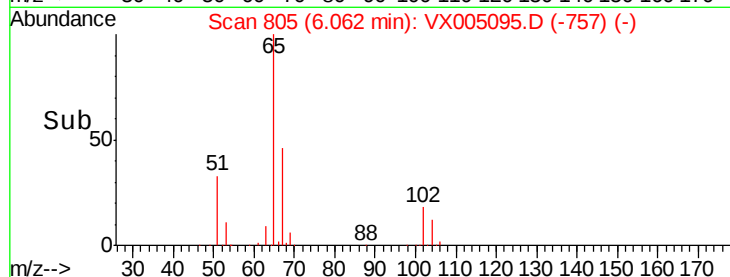
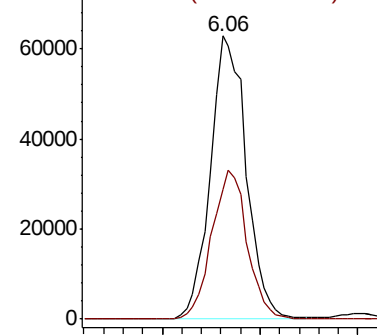
65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

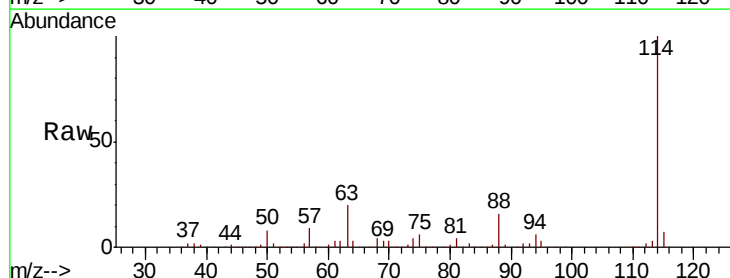
Tgt Ion: 114 Resp: 289984

Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.8

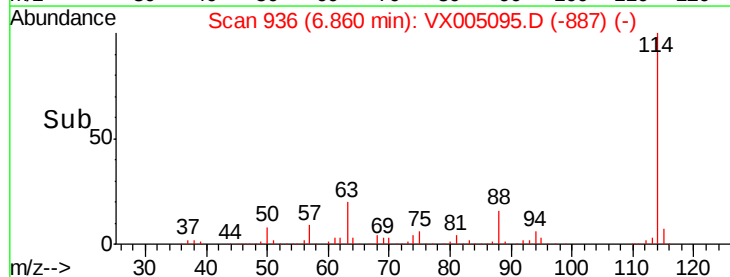
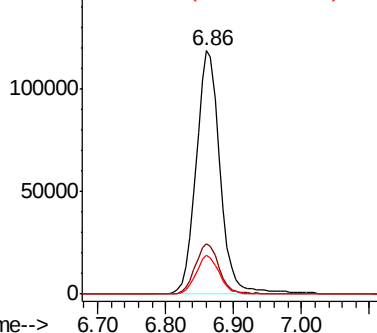
88 15.8 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.717 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

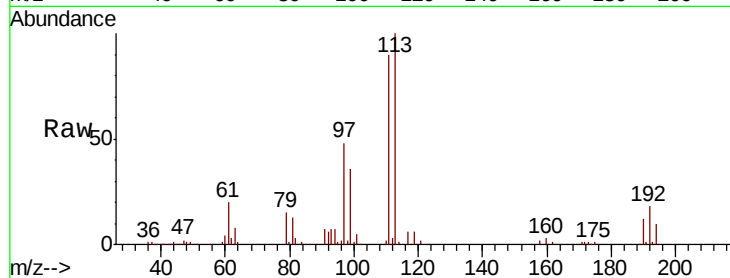
Tot Ion:113 Resp: 129561

Ion Ratio Lower Upper

113 100

111 101.3 77.0 115.4

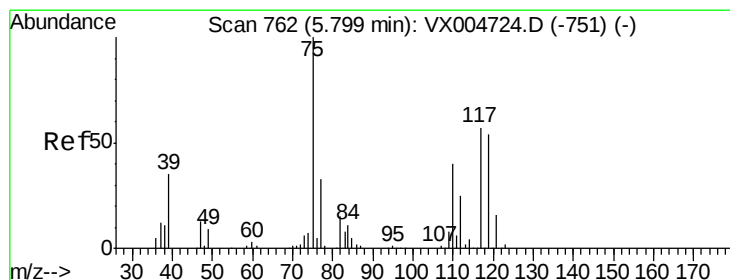
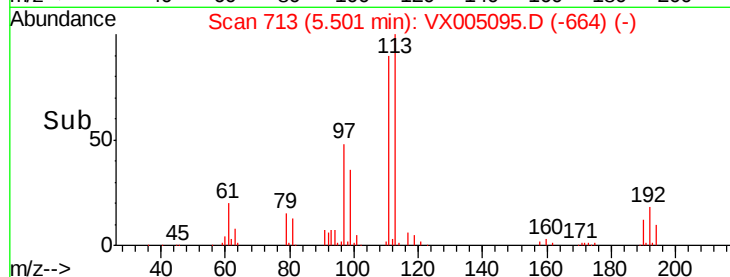
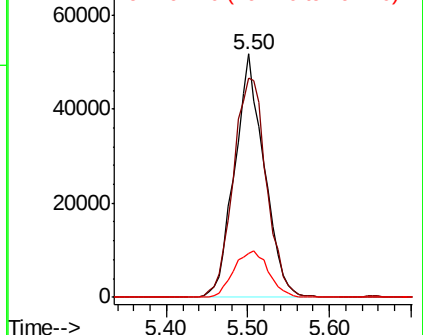
192 22.5 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.994 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

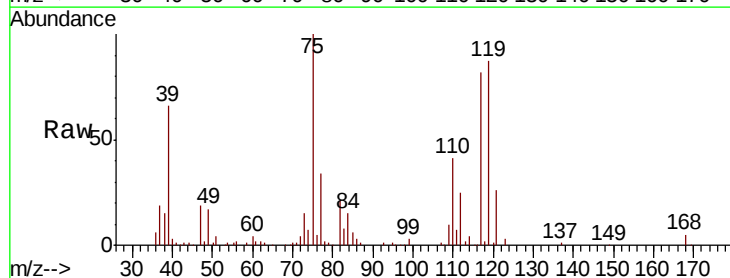
Tgt Ion: 75 Resp: 63689

Ion Ratio Lower Upper

75 100

110 37.4 20.0 59.9

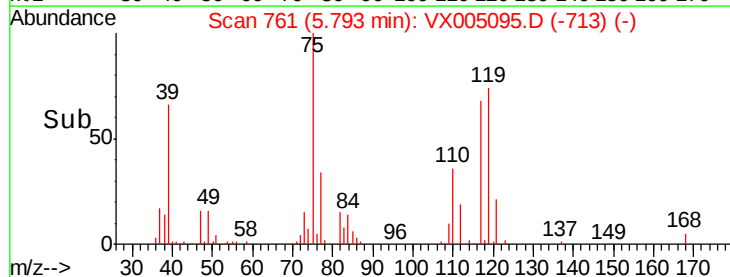
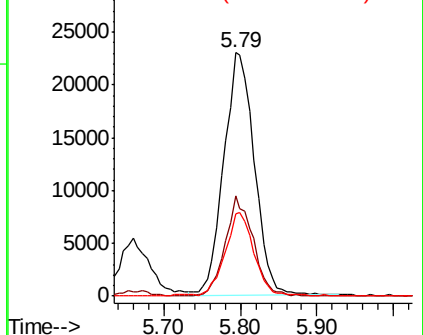
77 31.6 27.1 40.7

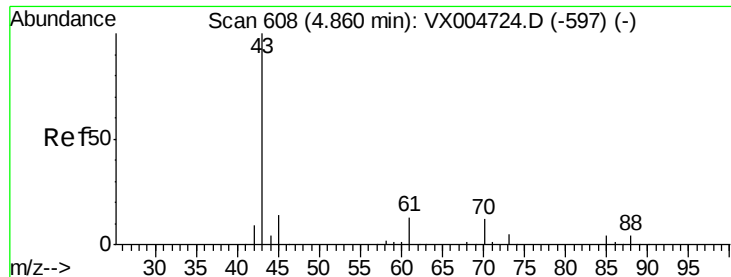


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.274 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

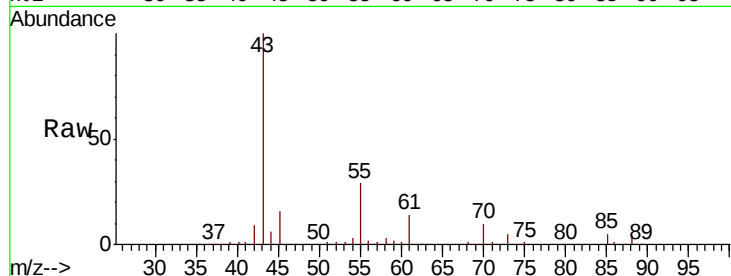
Tot Ion: 43 Resp: 90240

Ion Ratio Lower Upper

43 100

61 14.6 10.4 15.6

70 10.1 8.7 13.1

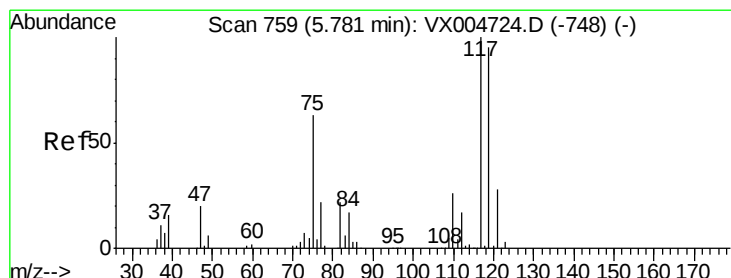
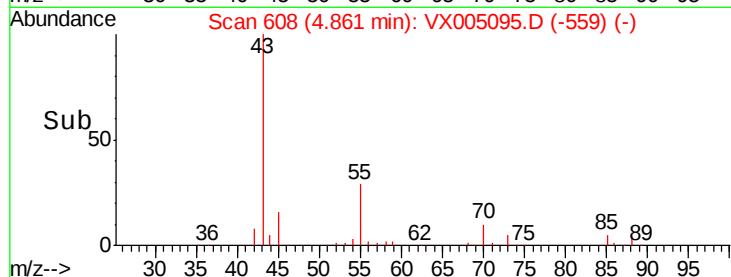
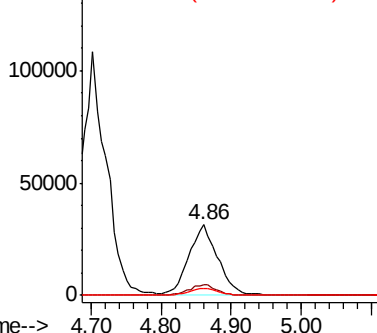


Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.288 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

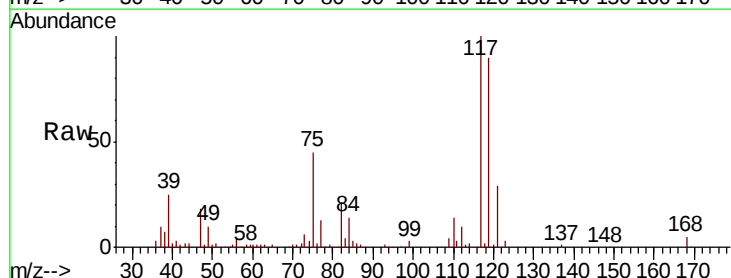
Tgt Ion: 117 Resp: 67984

Ion Ratio Lower Upper

117 100

119 90.5 75.2 112.8

121 28.8 22.5 33.7

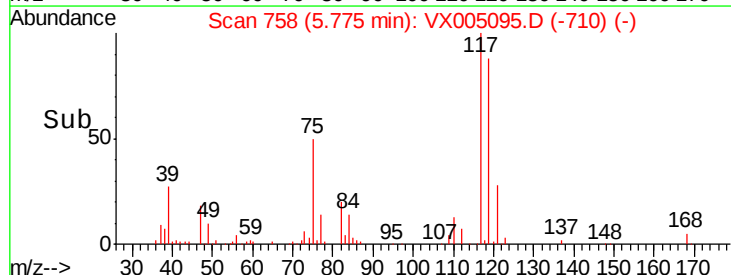
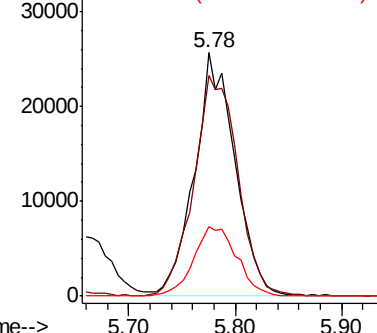


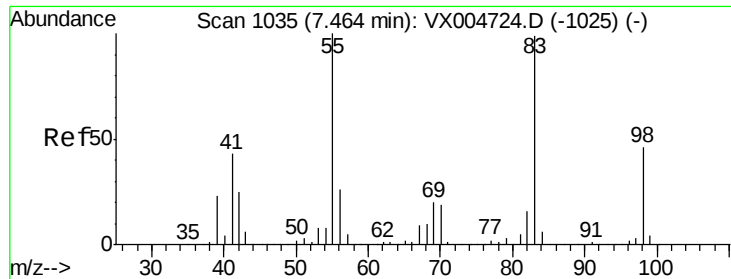
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

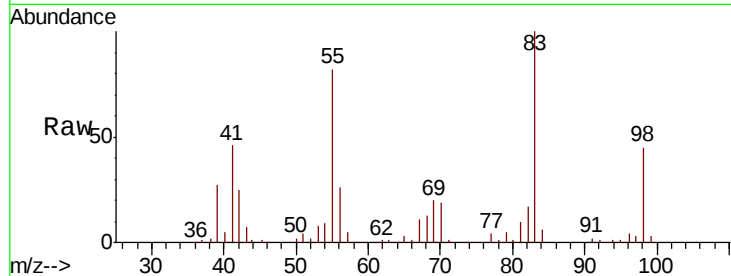




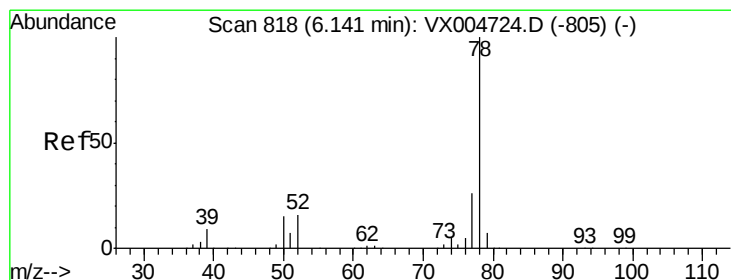
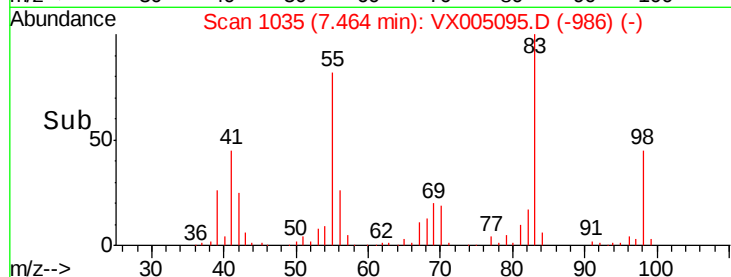
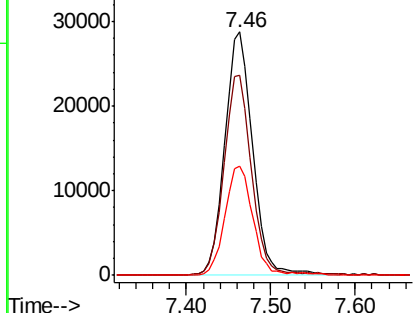
#39
Methvlcvclohexane
Concen: 18.953 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 83 Resp: 64893
Ion Ratio Lower Upper
83 100
55 81.8 81.1 121.7
98 45.0 37.3 55.9

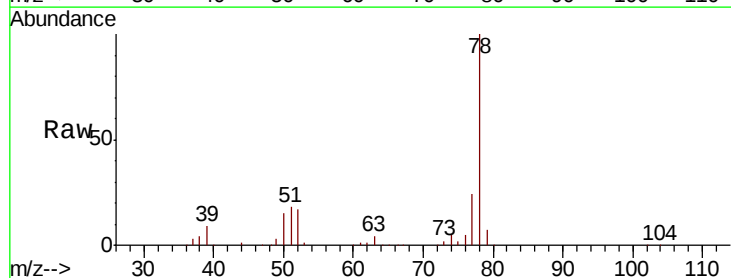


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

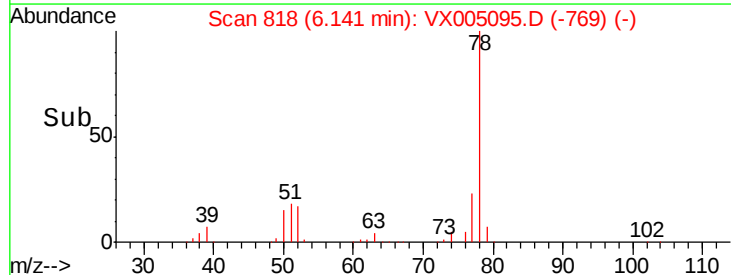
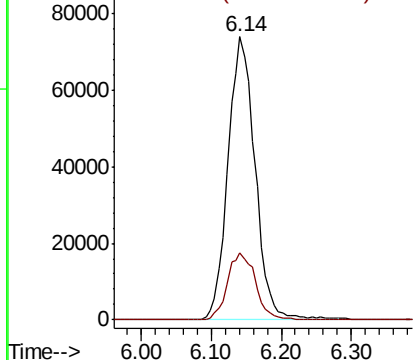


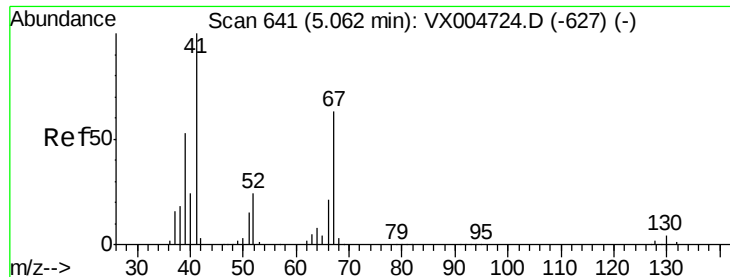
#40
Benzene
Concen: 18.928 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 78 Resp: 198698
Ion Ratio Lower Upper
78 100
77 23.6 21.0 31.4



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

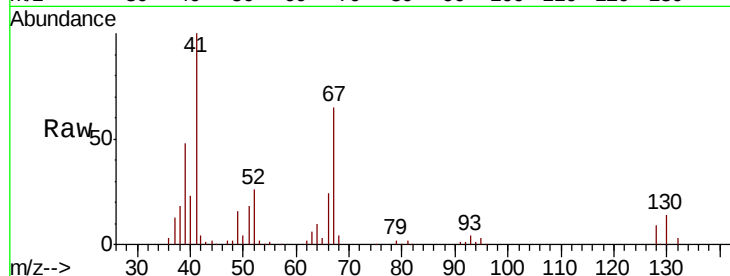




#41
Methacrylonitrile
Concen: 21.595 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion:	41	Resp:	53305
Ion	Ratio	Lower	Upper
41	100		
39	52.8	42.5	63.7
67	66.0	53.0	79.6
52	26.8	19.8	29.8



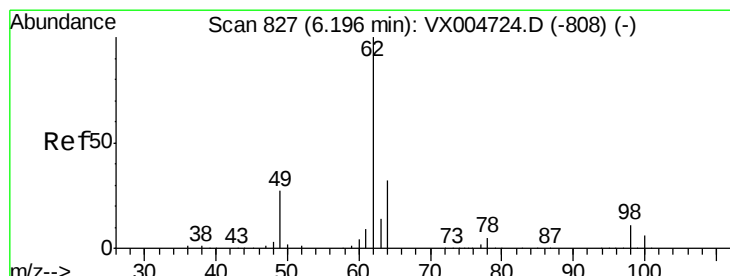
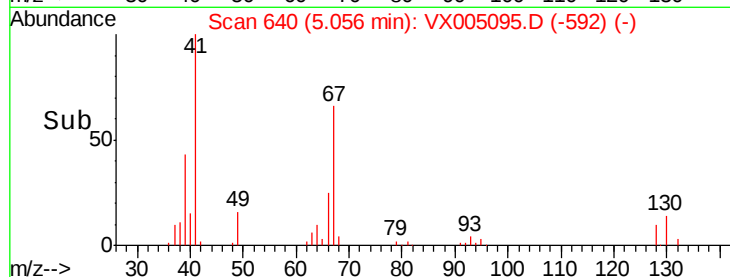
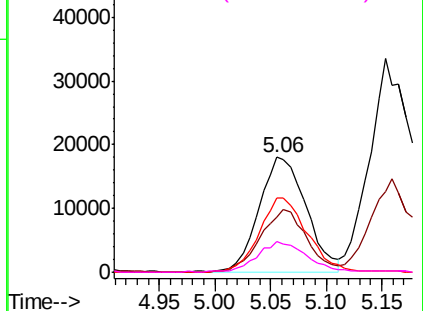
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

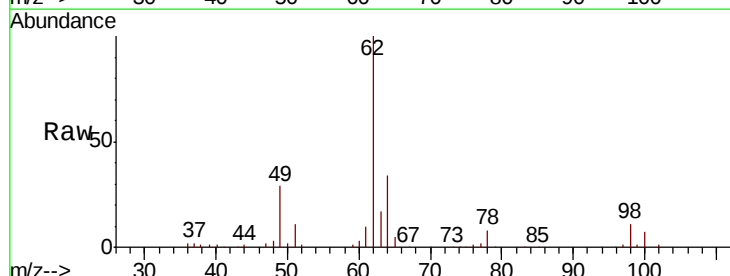
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.945 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

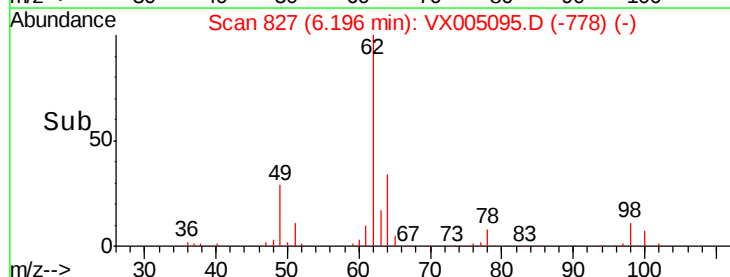
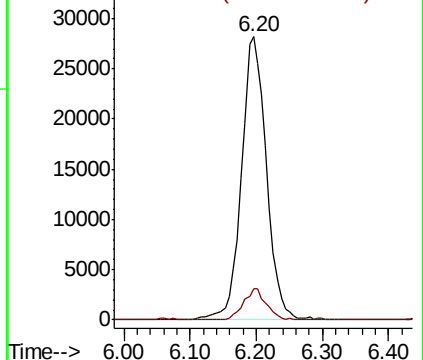
Tgt Ion:	62	Resp:	74015
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2

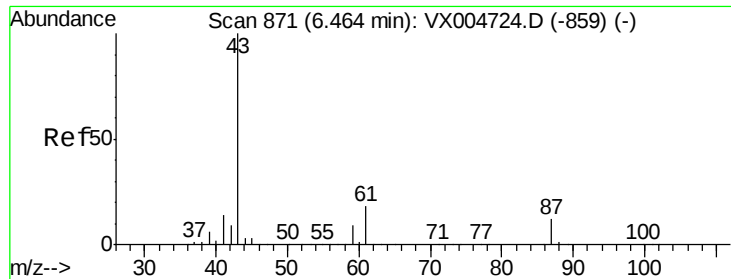


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



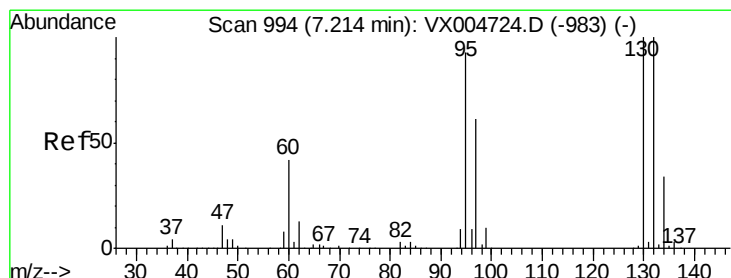
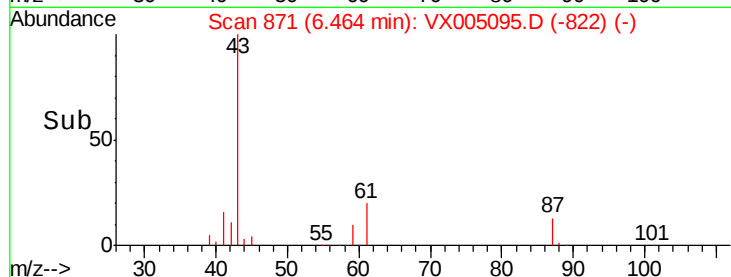
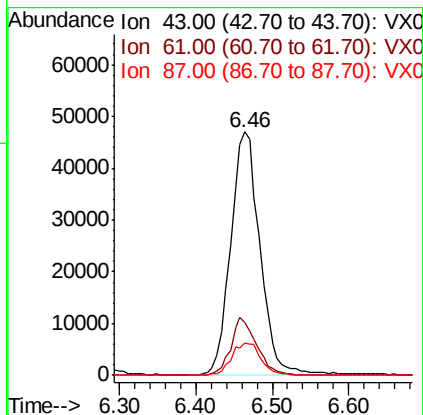
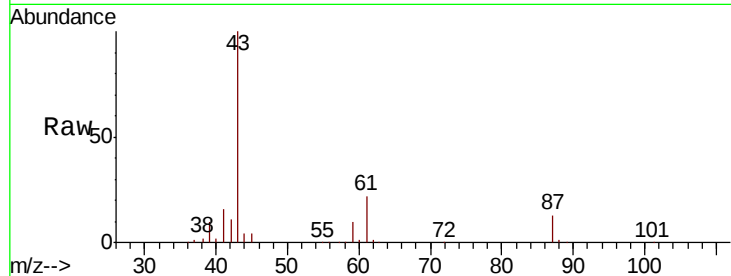


#43

Isopropyl Acetate
 Concen: 19.363 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

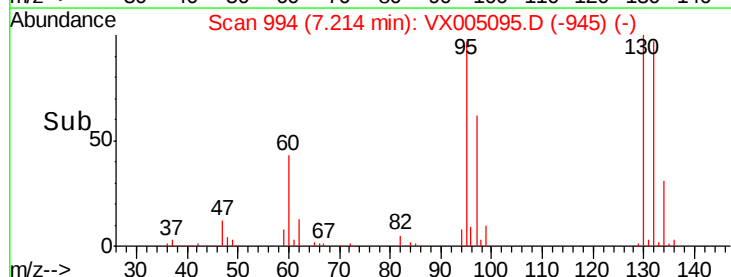
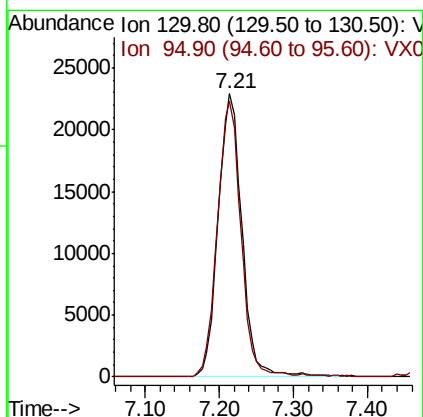
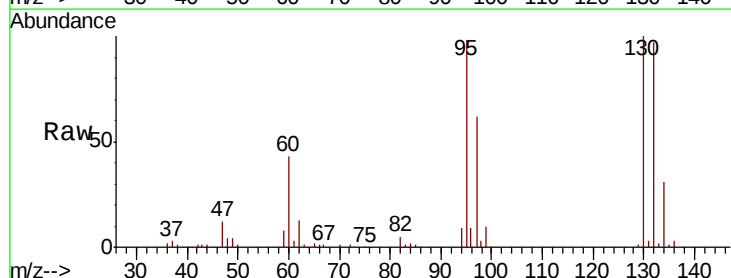
Tot Ion: 43 Resp: 124394
 Ion Ratio Lower Upper
 43 100
 61 20.9 14.2 21.4
 87 13.4 9.3 13.9



#44

Trichloroethene
 Concen: 19.720 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion:130 Resp: 50891
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 186.8

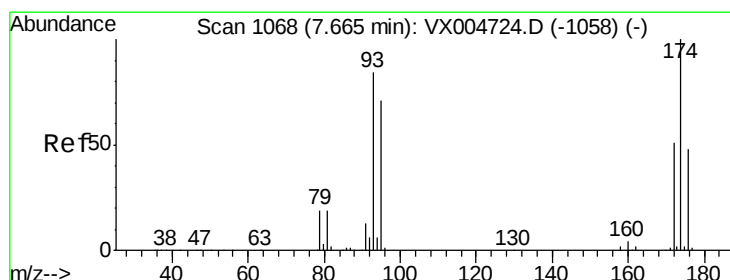
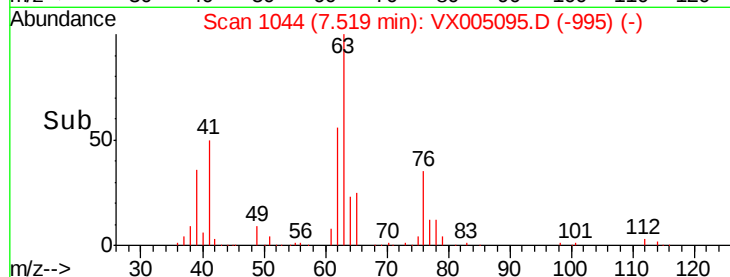
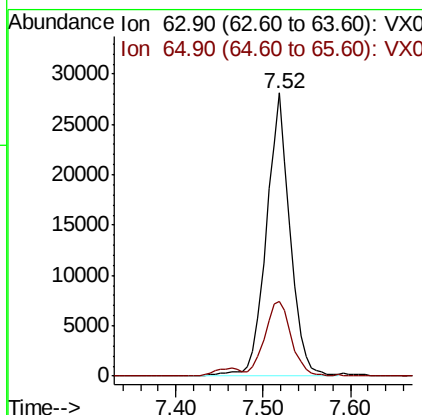
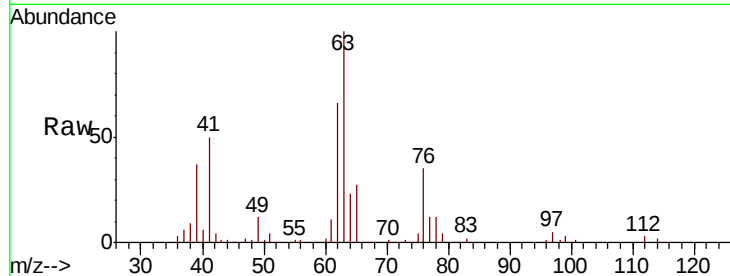




#45
1,2-Dichloropropane
Concen: 20.754 ug/l
RT: 7.52 min Scan# 1044
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

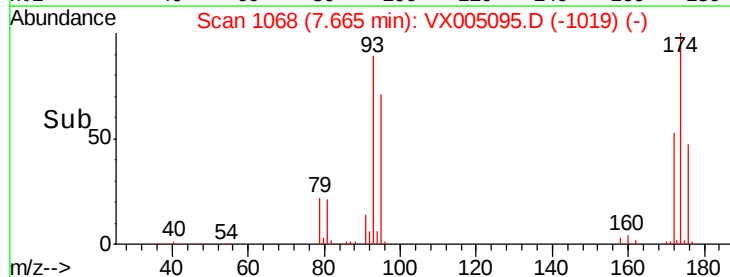
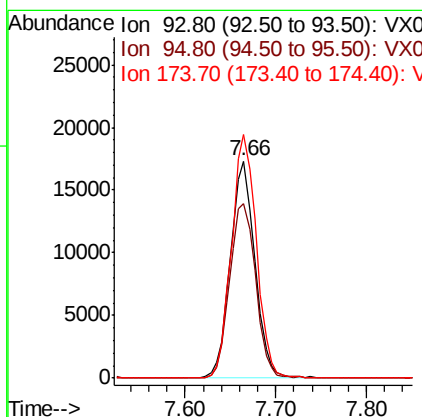
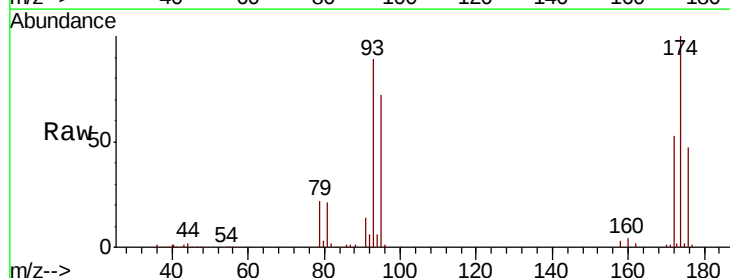
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

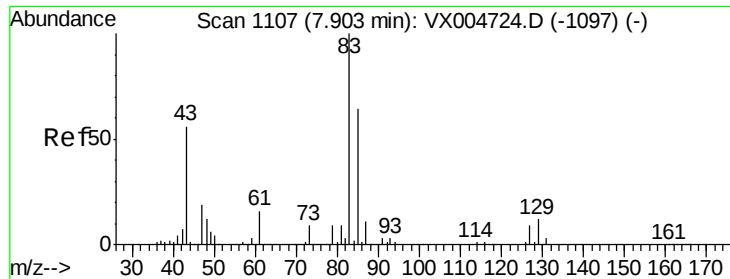
Tot Ion: 63 Resp: 53429
Ion Ratio Lower Upper
63 100
65 26.5 23.9 35.9



#46
Dibromomethane
Concen: 20.167 ug/l
RT: 7.66 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 93 Resp: 32628
Ion Ratio Lower Upper
93 100
95 85.4 66.7 100.1
174 113.7 92.7 139.1





#47

Bromodichloromethane

Concen: 20.645 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

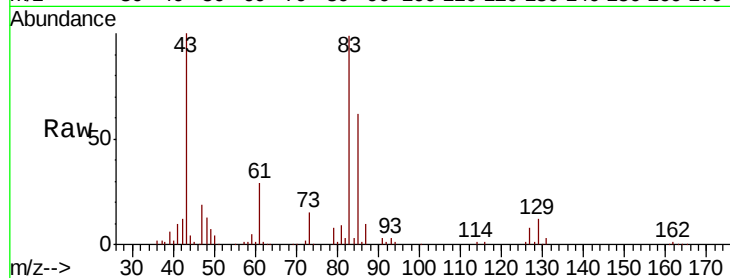
Tot Ion: 83 Resp: 62535

Ion Ratio Lower Upper

83 100

85 62.7 51.2 76.8

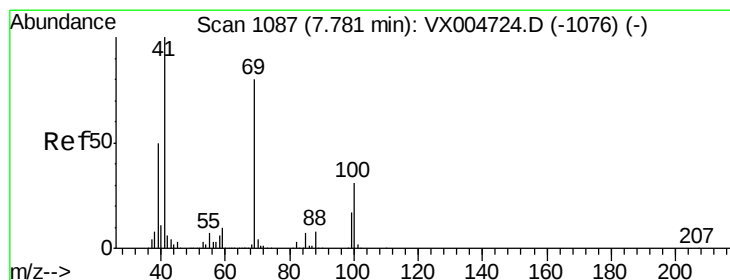
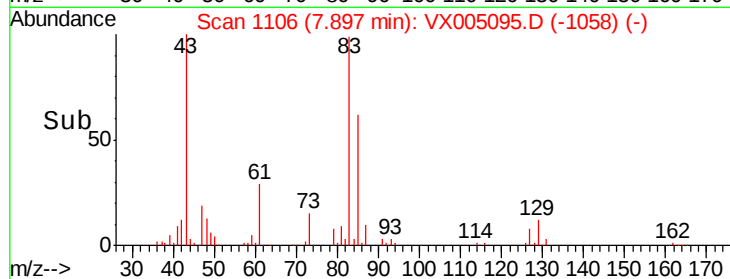
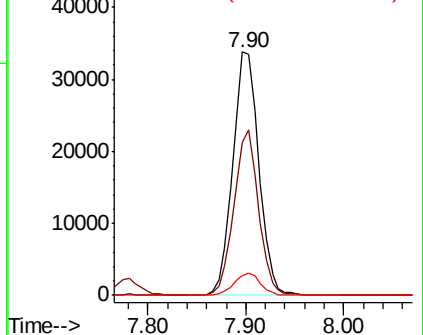
127 8.2 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.314 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

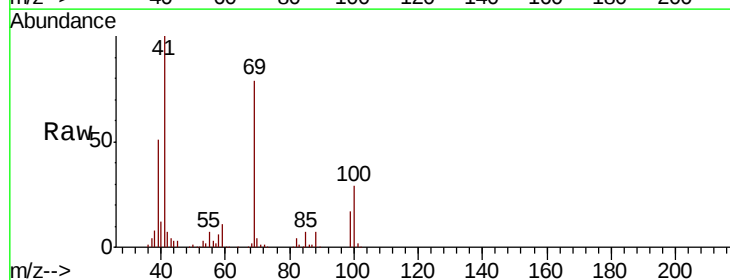
Tgt Ion: 41 Resp: 62151

Ion Ratio Lower Upper

41 100

69 80.7 63.8 95.6

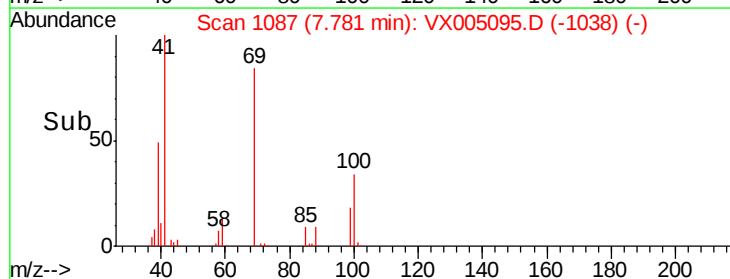
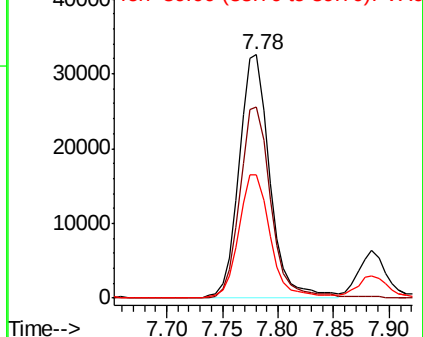
39 52.1 40.7 61.1

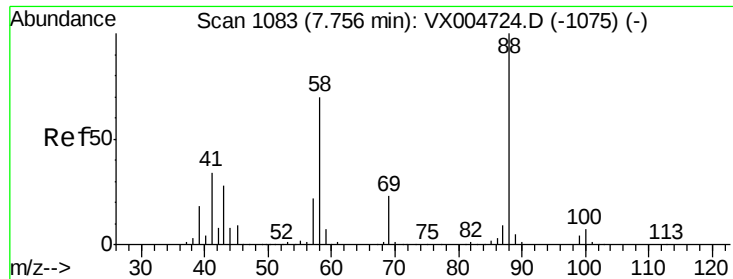


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

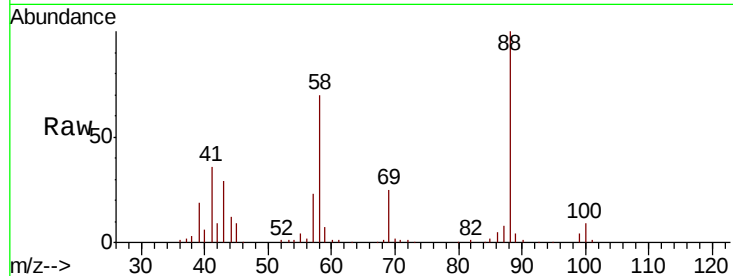




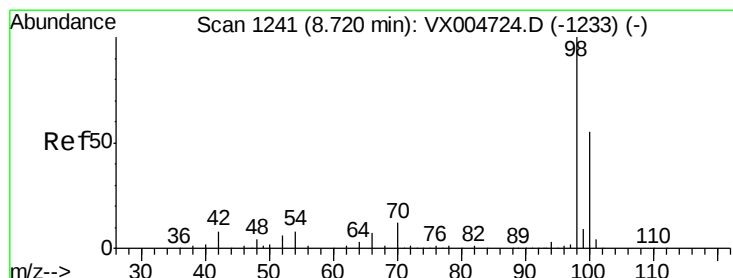
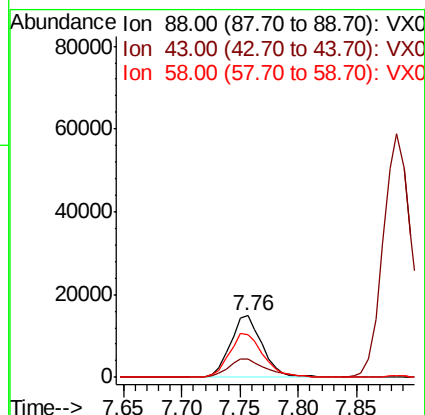
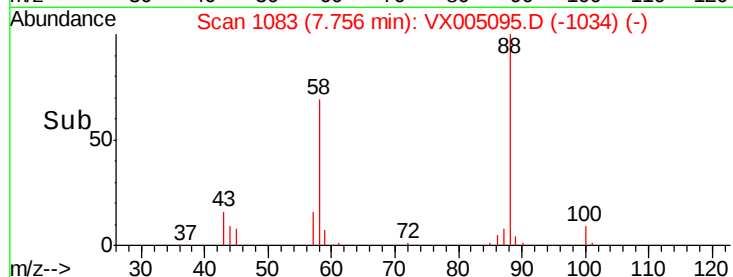
#49
1,4-Dioxane
Concen: 392.519 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 88 Resp: 28435
Ion Ratio Lower Upper
88 100
43 34.2 25.1 37.7
58 75.5 56.2 84.2

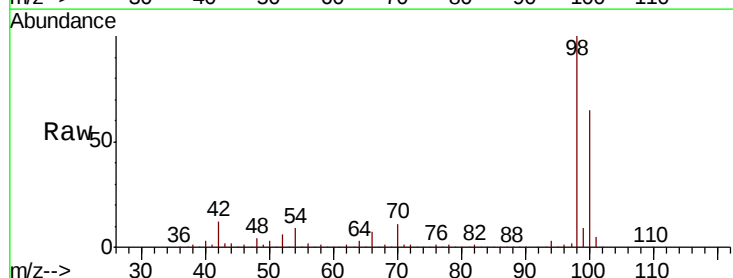


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

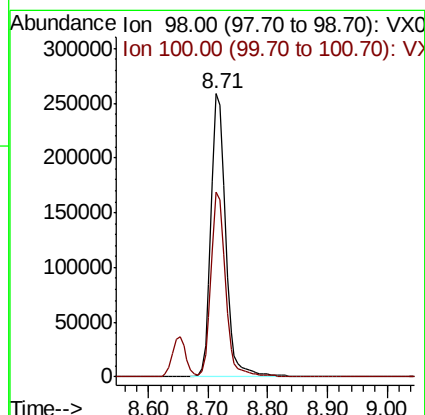
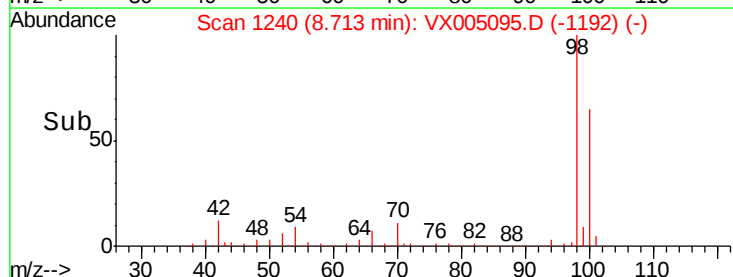


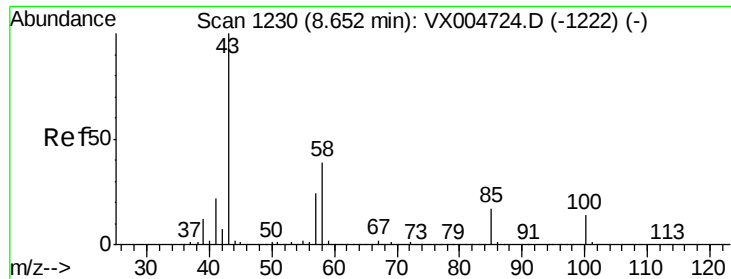
#50
Toluene-d8
Concen: 53.311 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 98 Resp: 435575
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



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: 109.434 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

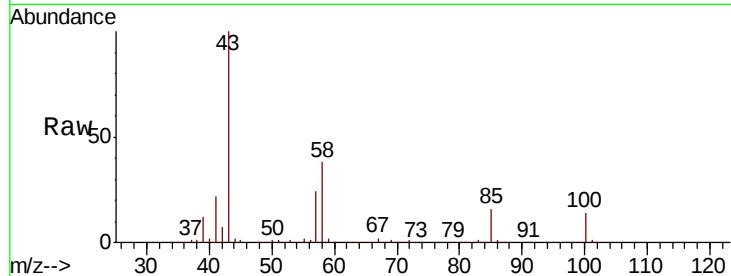
VX1005WBSD02

Tot Ion: 43 Resp: 442665

Ion Ratio Lower Upper

43 100

58 37.3 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

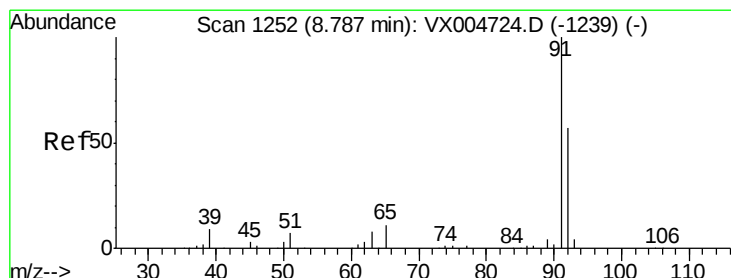
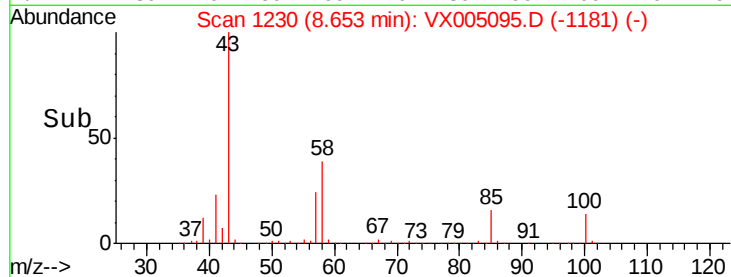
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.301 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005095.D

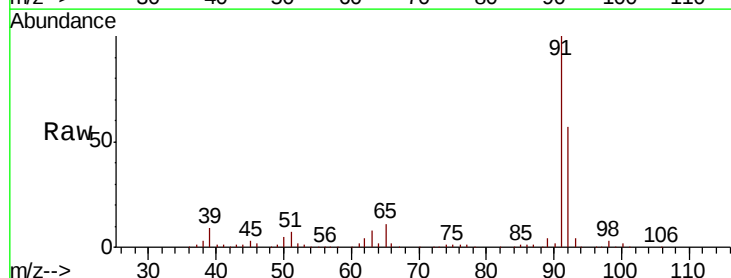
Acq: 06 Oct 2018 05:06

Tgt Ion: 92 Resp: 117102

Ion Ratio Lower Upper

92 100

91 175.0 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

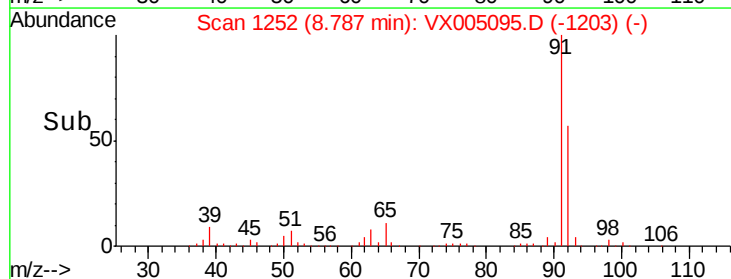
150000

100000

50000

0

Time-->

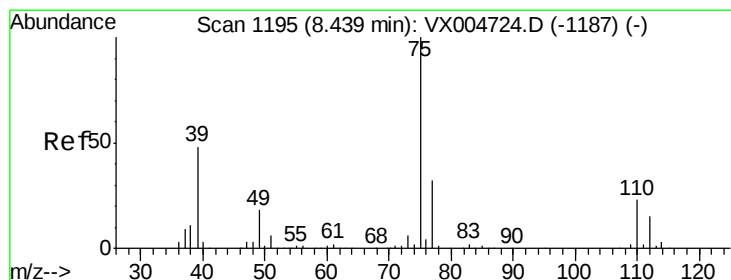
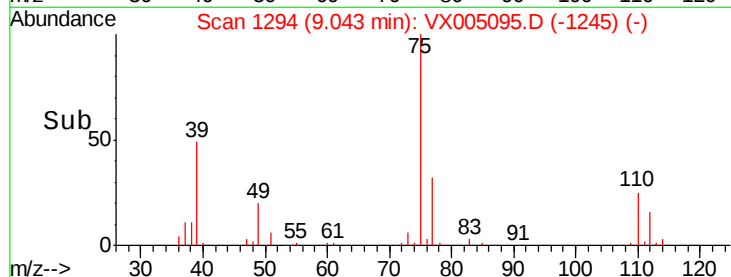
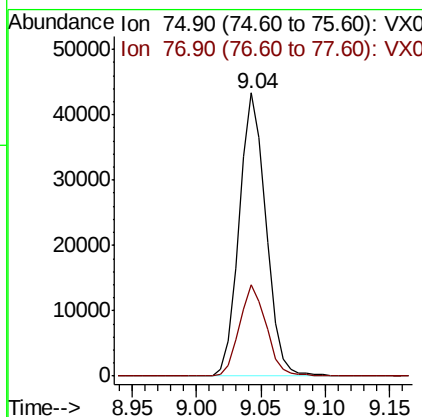
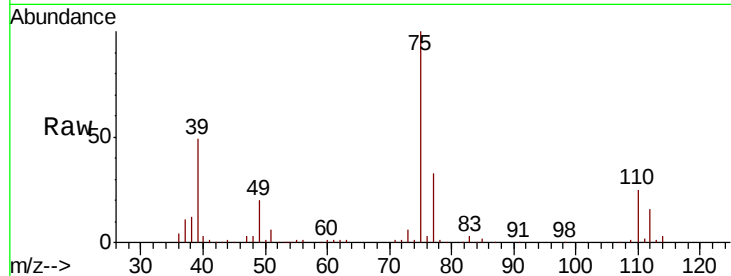




#53
t-1,3-Dichloropropene
Concen: 18.166 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

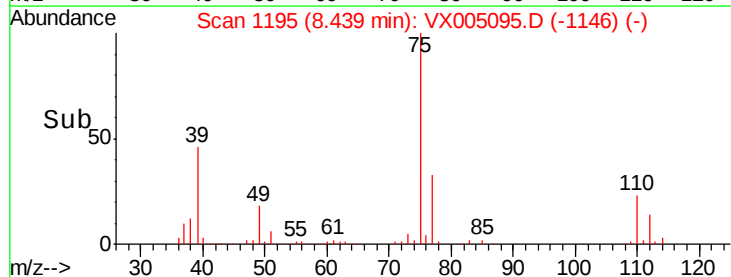
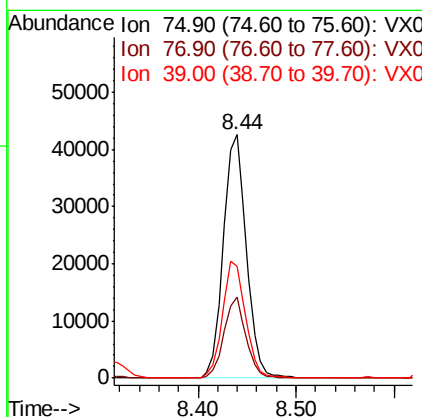
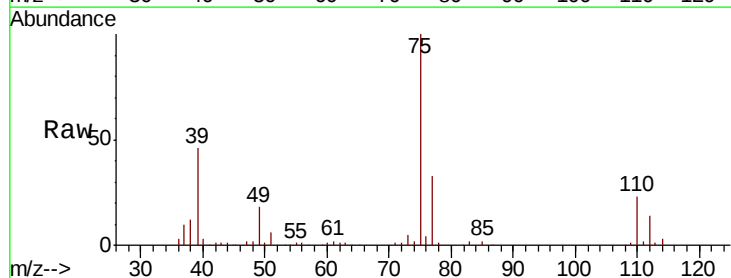
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 75 Resp: 62182
Ion Ratio Lower Upper
75 100
77 32.5 28.9 43.3



#54
cis-1,3-Dichloropropene
Concen: 19.443 ug/l
RT: 8.44 min Scan# 1195
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 75 Resp: 69709
Ion Ratio Lower Upper
75 100
77 33.1 25.7 38.5
39 45.6 38.3 57.5





#55

1,1,2-Trichloroethane

Concen: 19.702 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

Tot Ion: 97 Resp: 49781

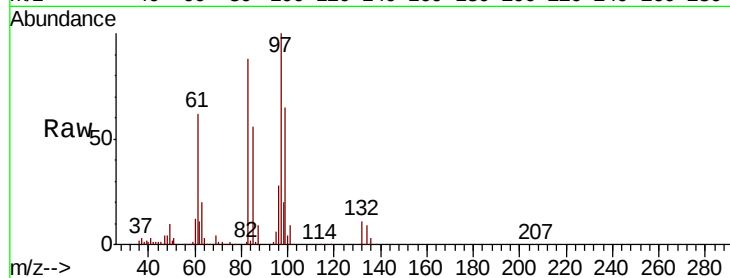
Ion Ratio Lower Upper

97 100

83 87.5 68.2 102.2

85 55.6 49.9 74.9

99 65.0 48.9 73.3

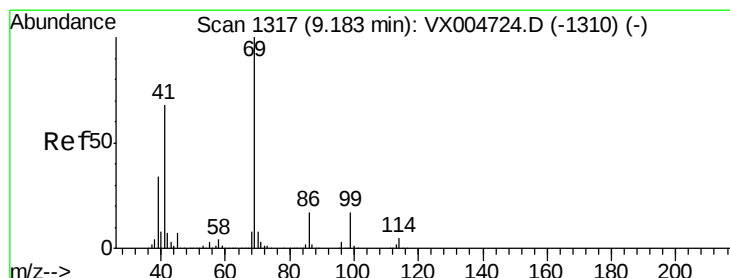
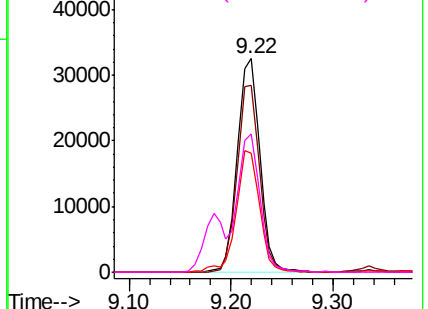
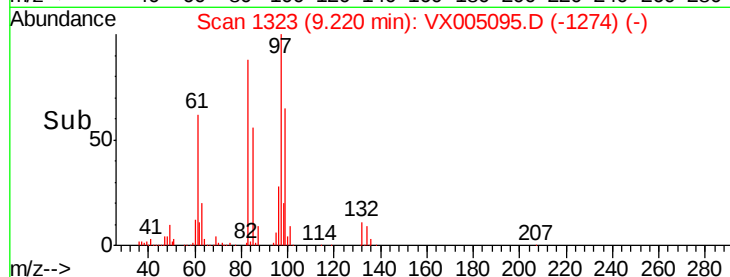


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.384 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

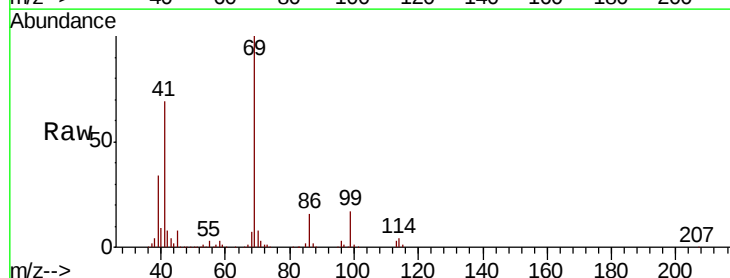
Tgt Ion: 69 Resp: 71855

Ion Ratio Lower Upper

69 100

41 70.6 56.9 85.3

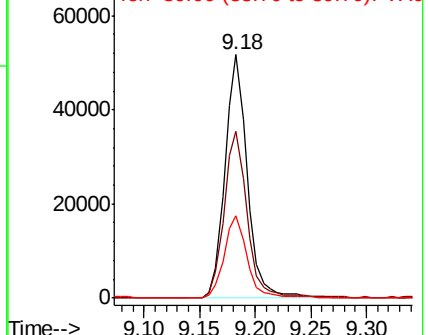
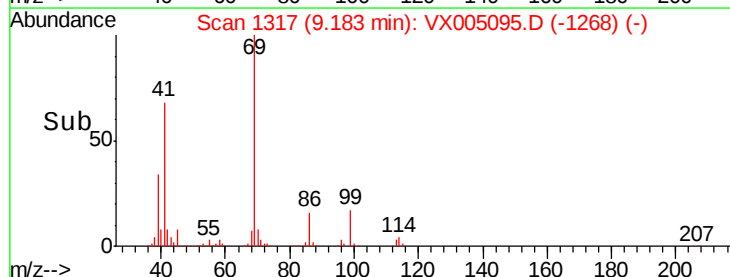
39 34.6 28.4 42.6



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.829 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

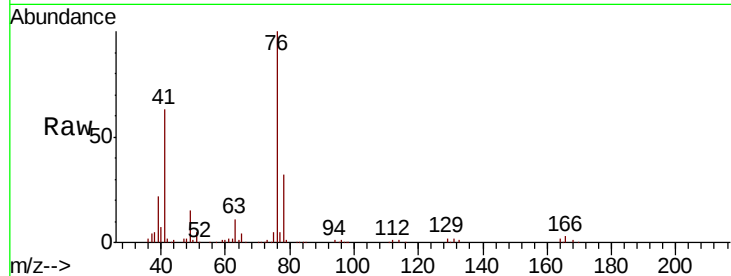
VX1005WBSD02

Tot Ion: 76 Resp: 83388

Ion Ratio Lower Upper

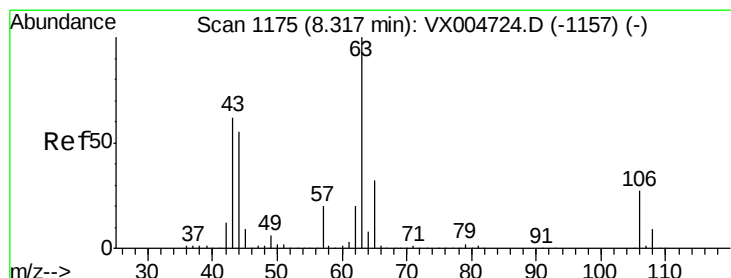
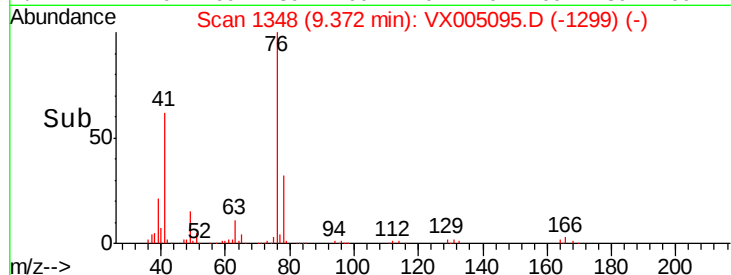
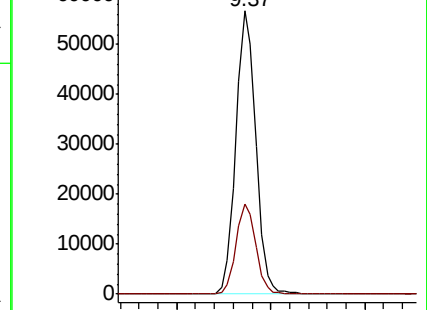
76 100

78 31.6 26.6 40.0



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: 109.815 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005095.D

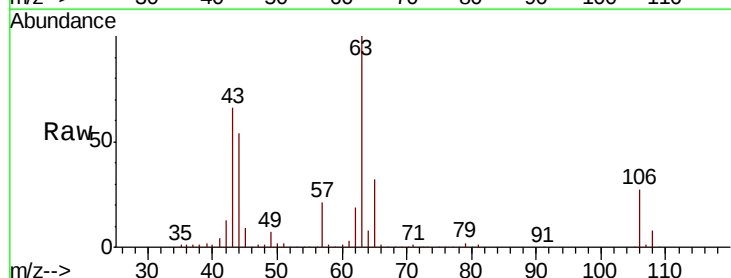
Acq: 06 Oct 2018 05:06

Tgt Ion: 63 Resp: 220644

Ion Ratio Lower Upper

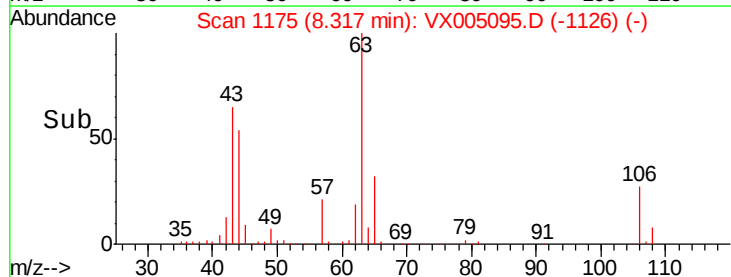
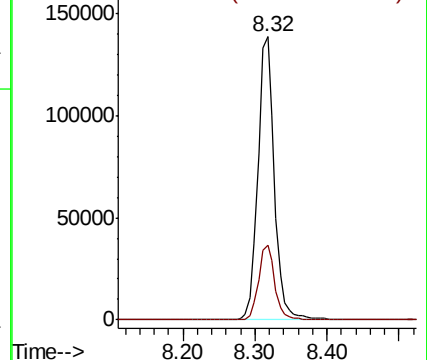
63 100

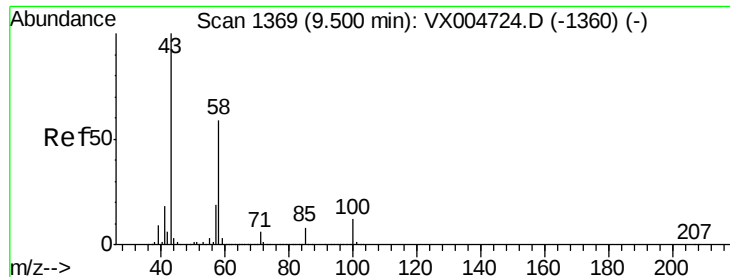
106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

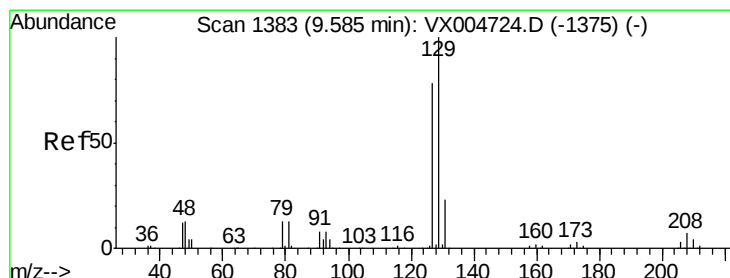
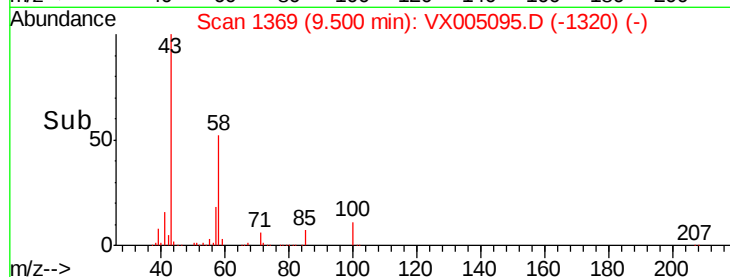
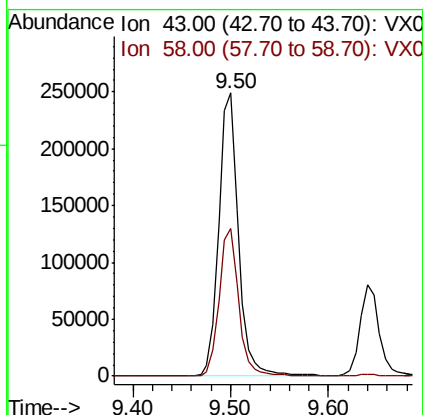
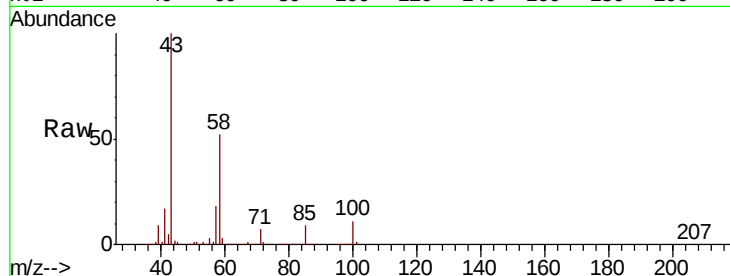




#59
2-Hexanone
Concen: 102.603 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

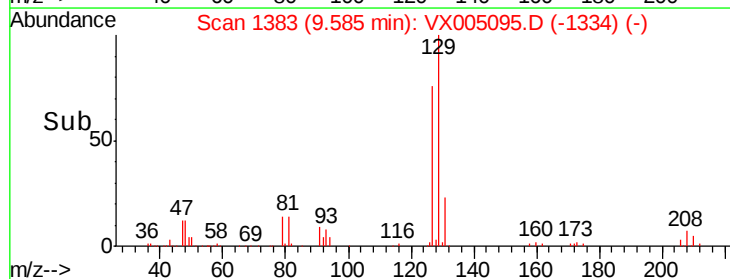
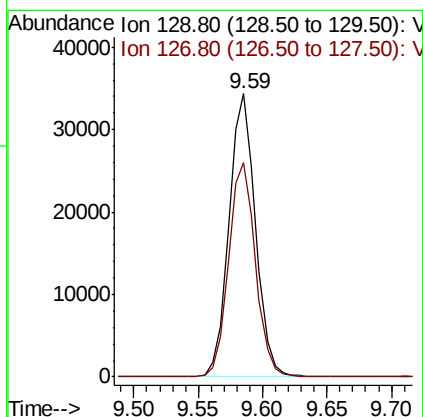
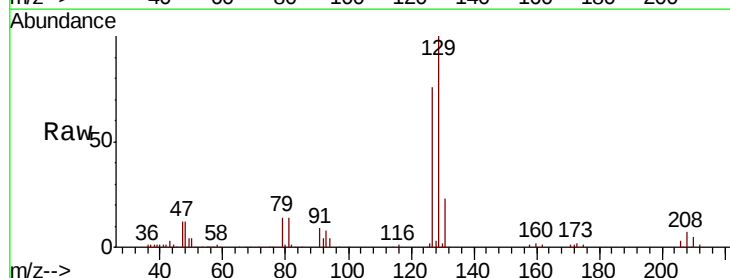
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

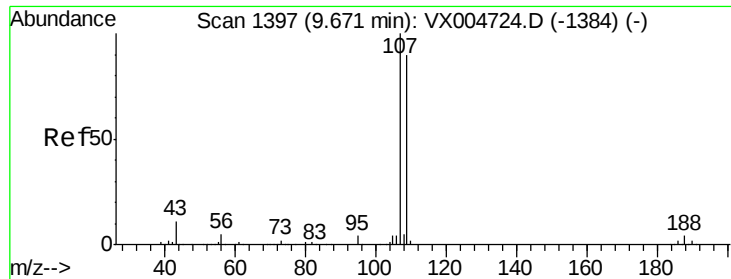
Tot Ion: 43 Resp: 345854
Ion Ratio Lower Upper
43 100
58 52.3 28.4 85.3



#60
Dibromochloromethane
Concen: 19.528 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 129 Resp: 49346
Ion Ratio Lower Upper
129 100
127 76.5 39.1 117.2

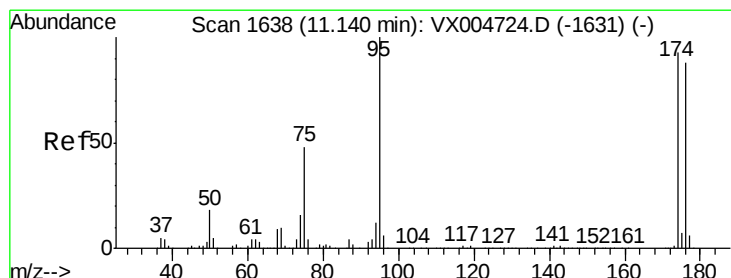
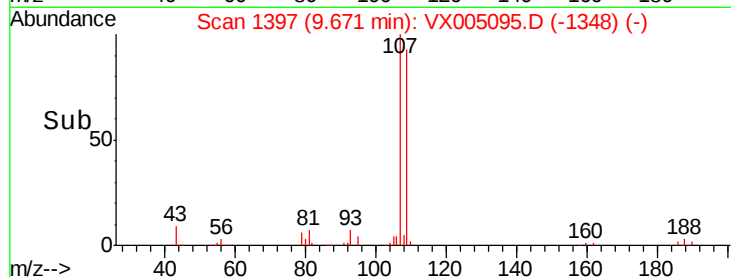
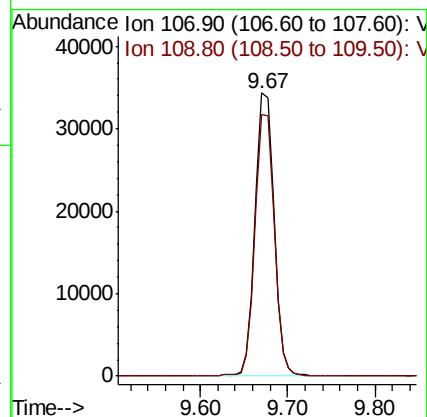
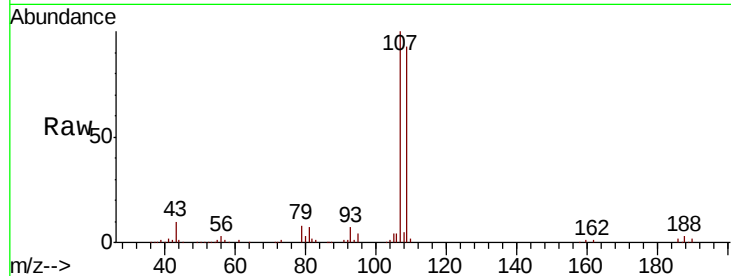




#61
 1,2-Dibromoethane
 Concen: 19.145 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

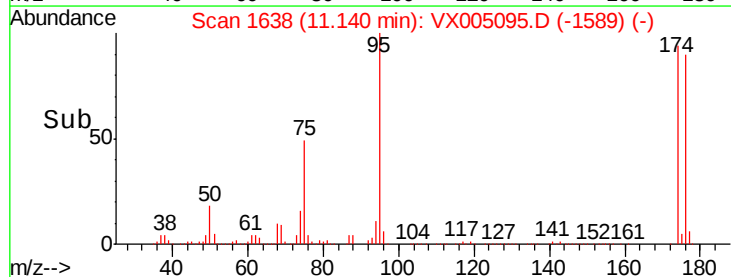
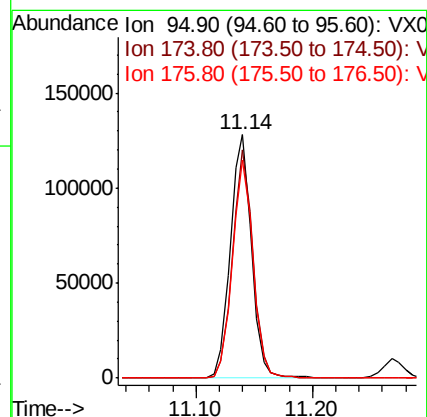
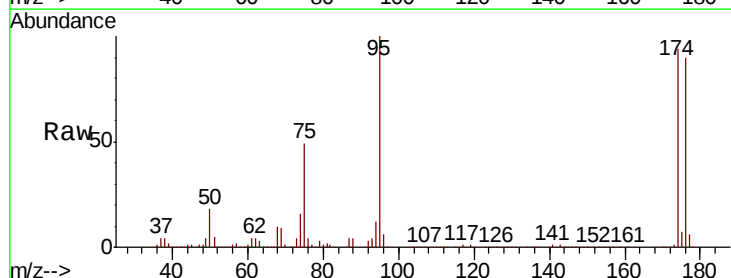
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

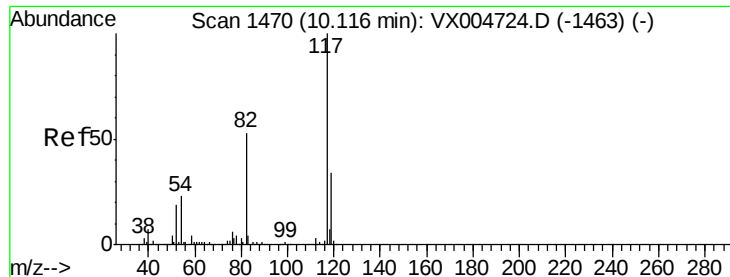
Tot Ion:107 Resp: 51806
 Ion Ratio Lower Upper
 107 100
 109 93.8 72.1 108.1



#62
 4-Bromofluorobenzene
 Concen: 54.722 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 95 Resp: 161070
 Ion Ratio Lower Upper
 95 100
 174 91.5 0.0 185.0
 176 88.2 0.0 180.2

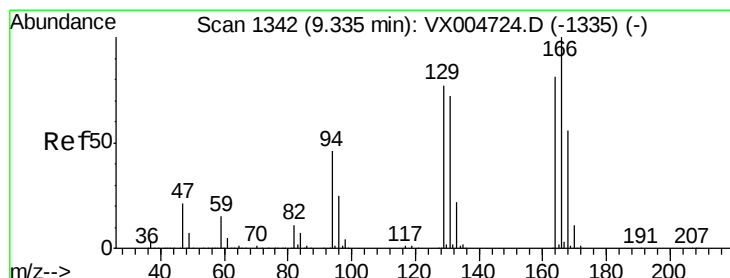
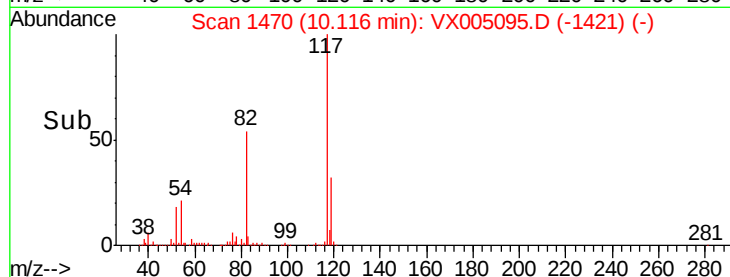
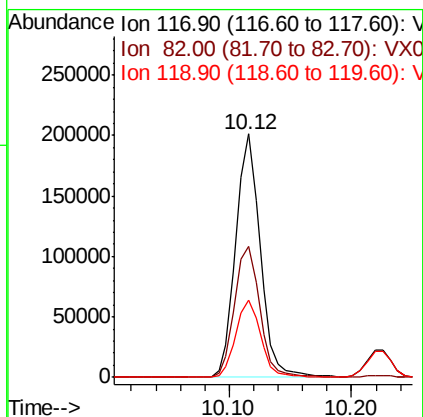
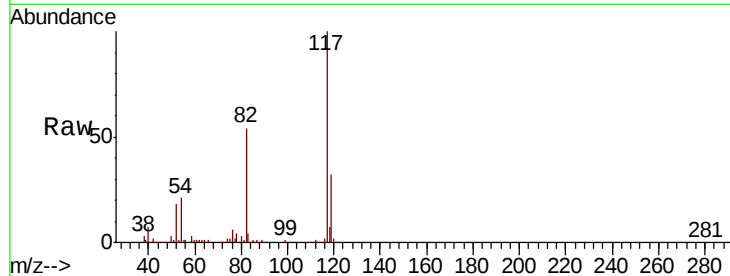




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

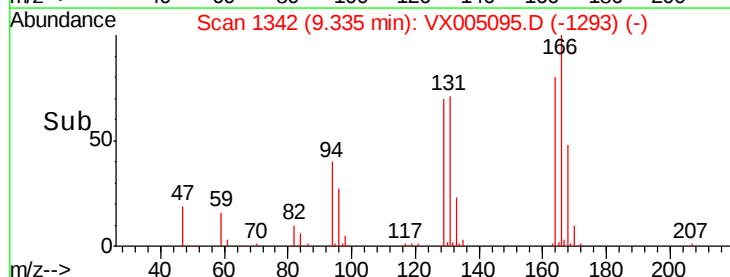
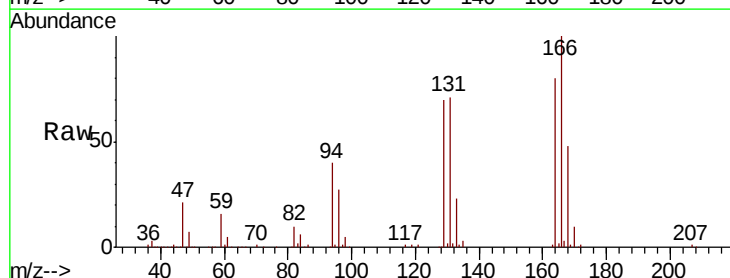
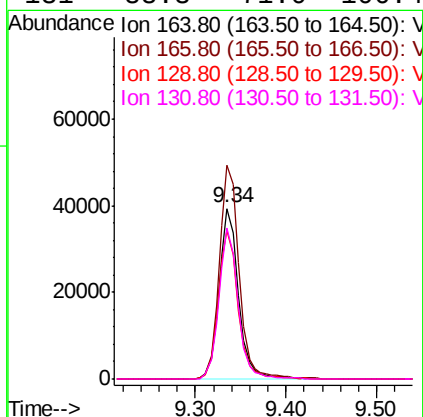
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

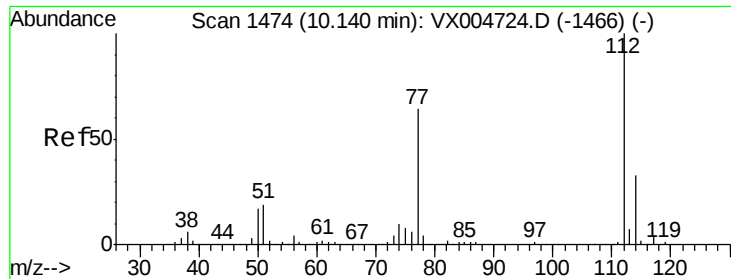
Tot Ion:117 Resp: 279571
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 31.9 27.4 41.0



#64
Tetrachloroethene
Concen: 21.309 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion:164 Resp: 58633
Ion Ratio Lower Upper
164 100
166 125.1 98.4 147.6
129 87.1 76.1 114.1
131 88.3 71.0 106.4

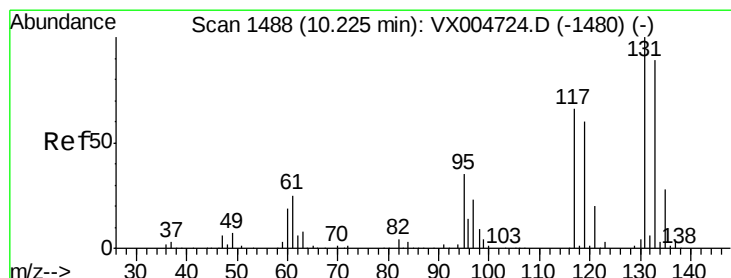
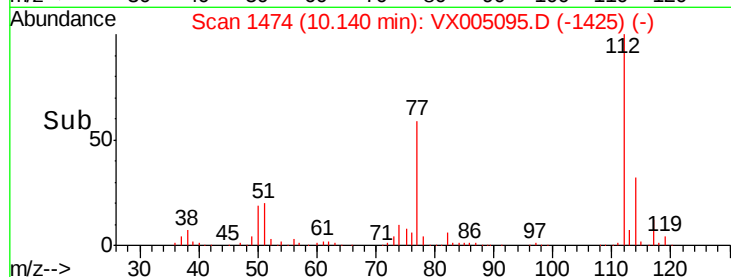
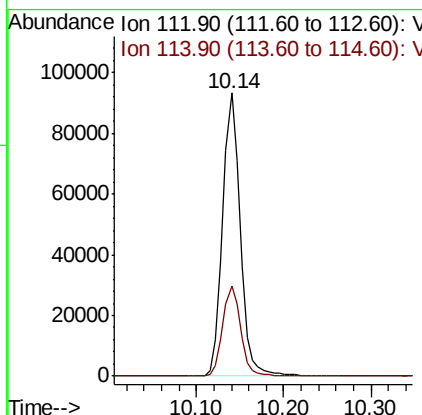
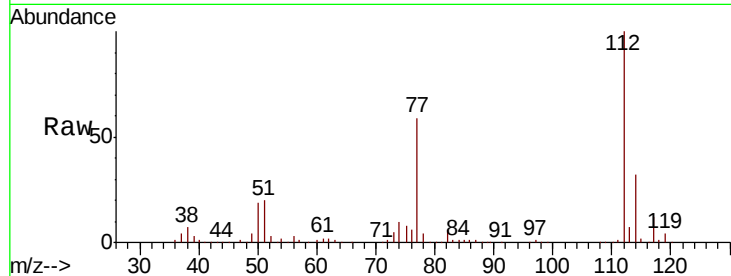




#65
Chlorobenzene
Concen: 18.194 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

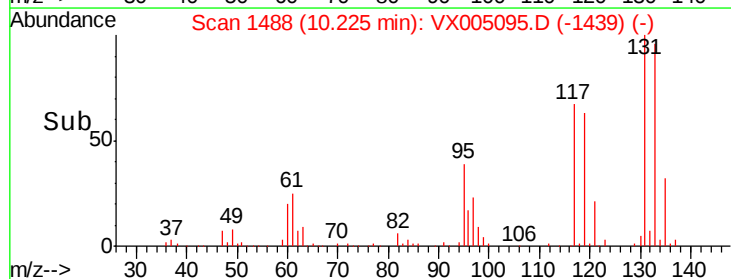
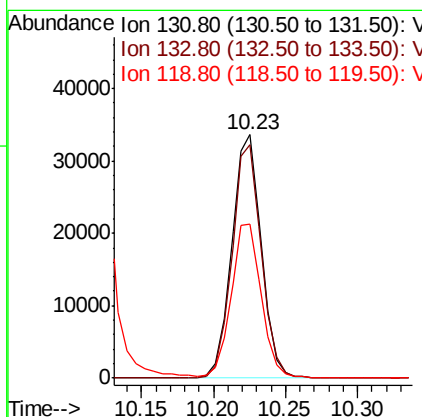
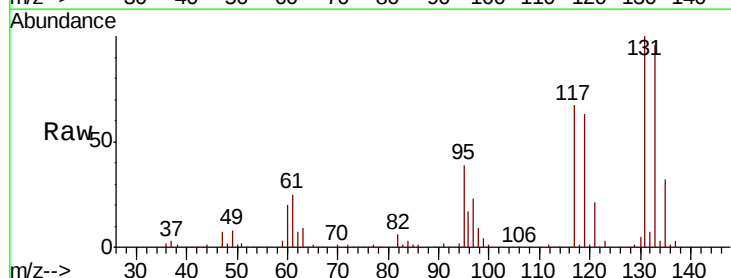
Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion:112 Resp: 130434
Ion Ratio Lower Upper
112 100
114 32.0 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.031 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion:131 Resp: 47965
Ion Ratio Lower Upper
131 100
133 95.2 48.4 145.0
119 65.1 32.3 96.8





#67

Ethyl Benzene

Concen: 19.003 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

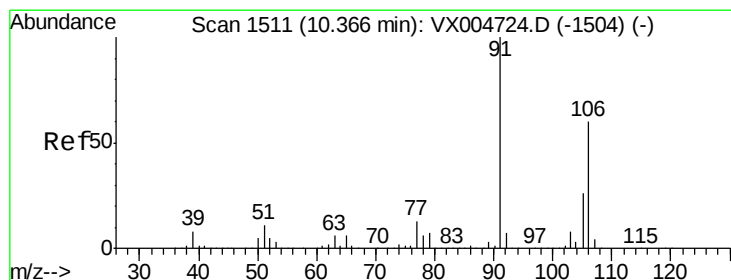
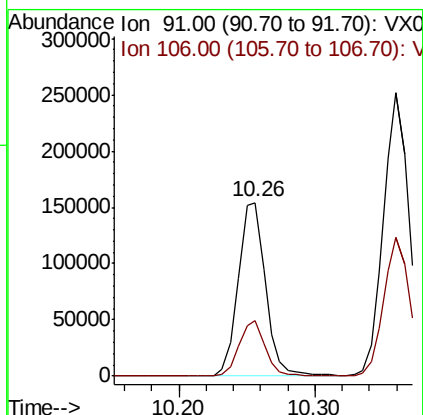
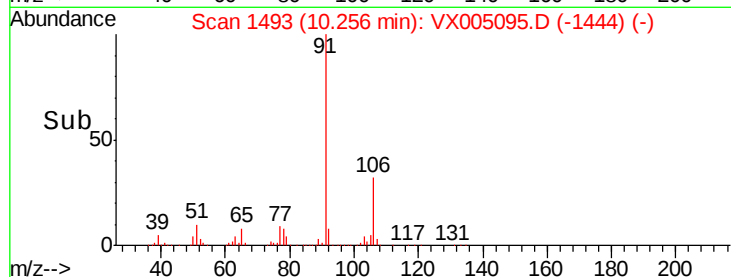
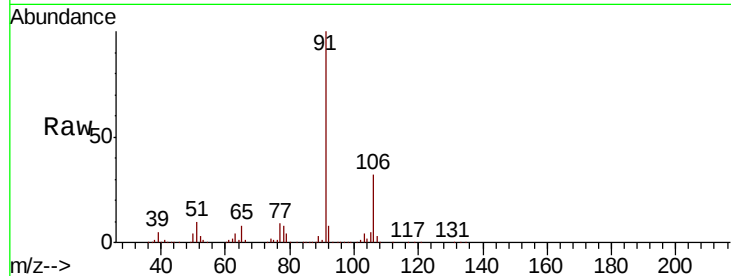
VX1005WBSD02

Tot Ion: 91 Resp: 216283

Ion Ratio Lower Upper

91 100

106 32.1 26.9 40.3



#68

m/p-Xylenes

Concen: 37.943 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005095.D

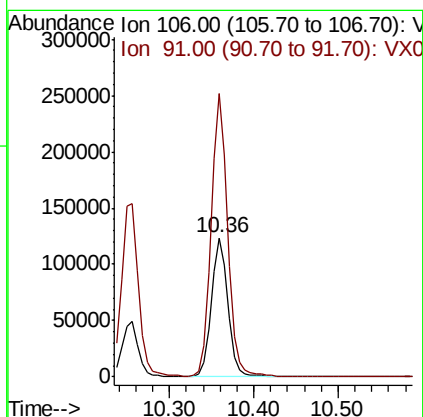
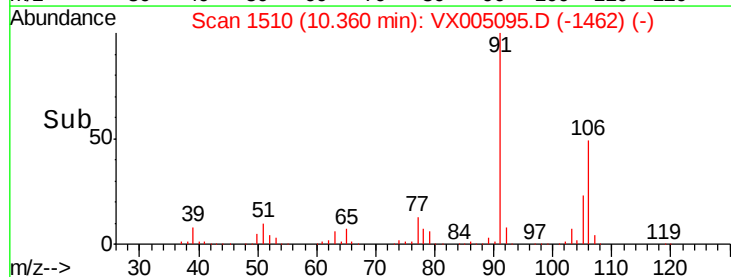
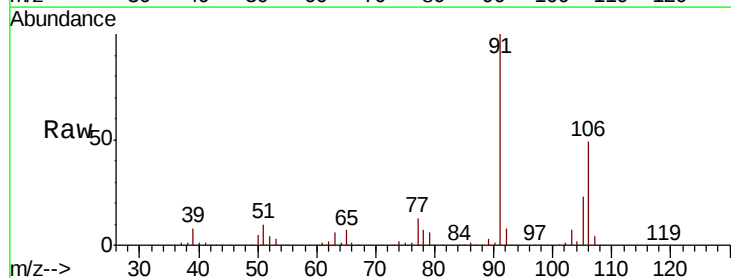
Acq: 06 Oct 2018 05:06

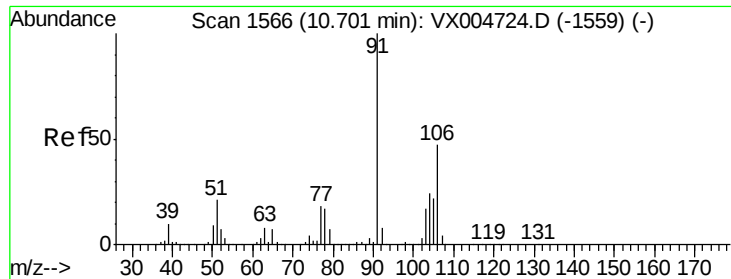
Tgt Ion: 106 Resp: 168757

Ion Ratio Lower Upper

106 100

91 203.6 157.5 236.3

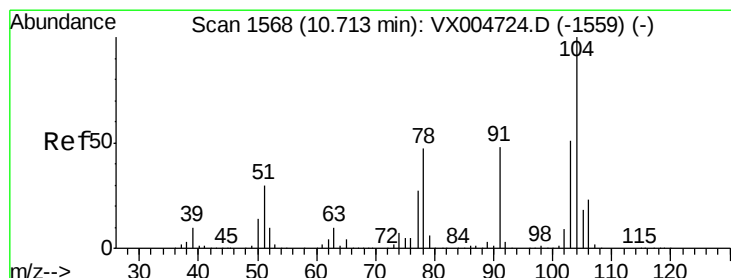
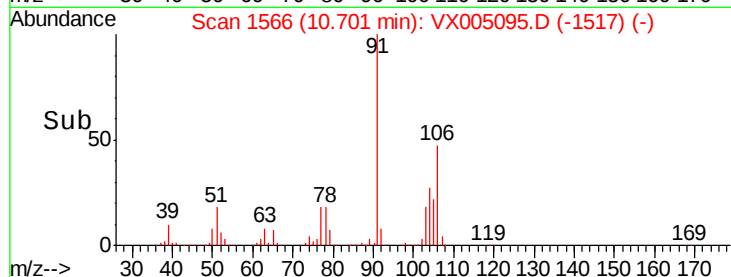
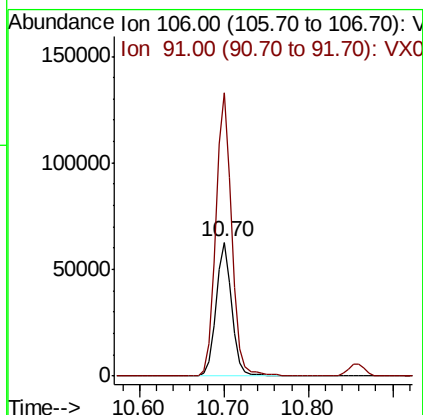
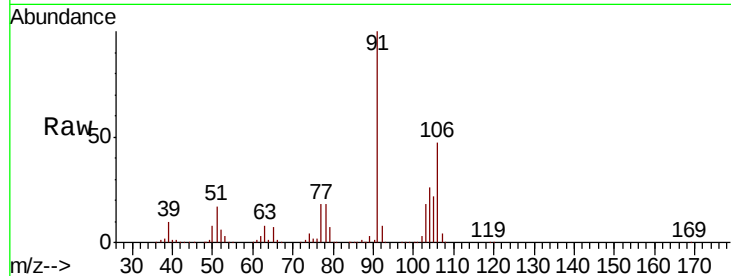




#69
o-Xylene
Concen: 19.784 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

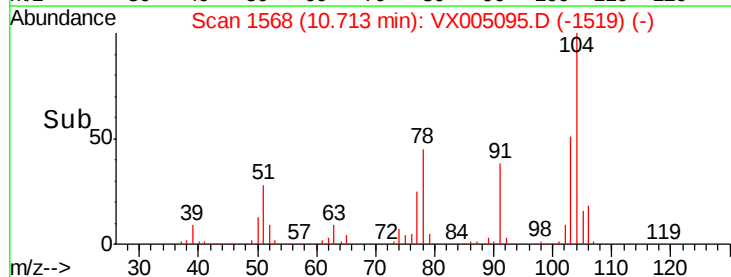
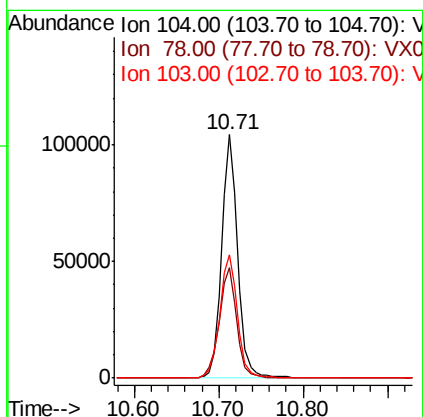
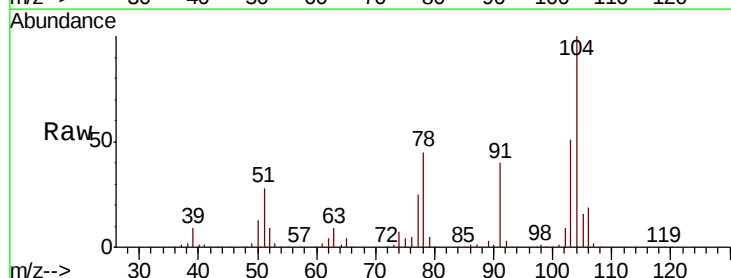
Instrument :
MSVOA_X
ClientSampleID :
VX1005WBSD02

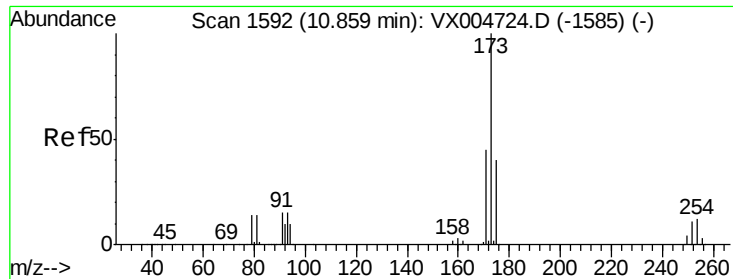
Tot Ion:106 Resp: 80820
Ion Ratio Lower Upper
106 100
91 215.1 108.3 324.8



#70
Styrene
Concen: 19.345 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion:104 Resp: 137332
Ion Ratio Lower Upper
104 100
78 49.8 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 18.258 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

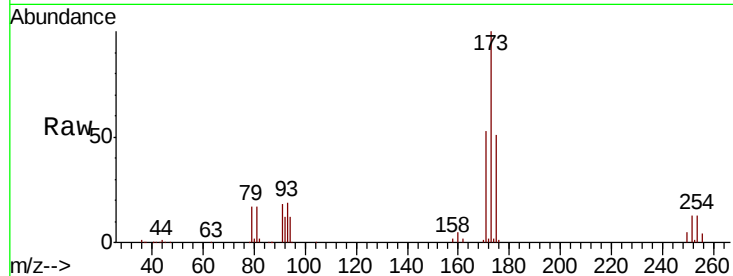
Tot Ion:173 Resp: 39396

Ion Ratio Lower Upper

173 100

175 48.9 23.3 69.8

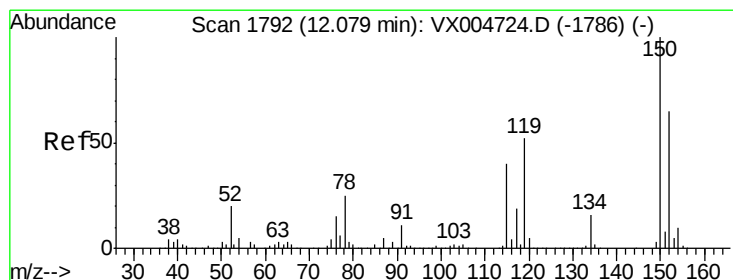
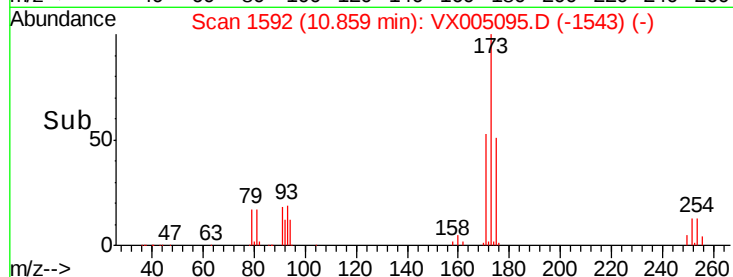
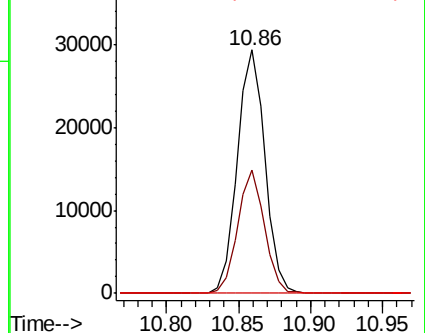
254 0.0 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

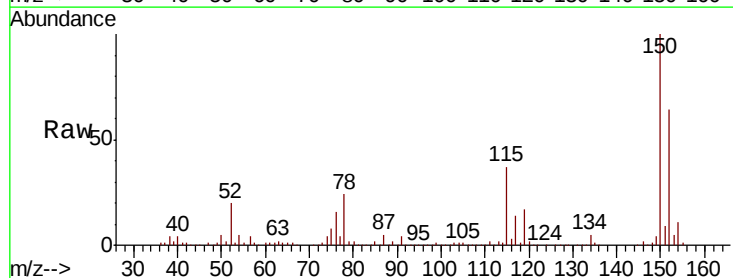
Tgt Ion:152 Resp: 170531

Ion Ratio Lower Upper

152 100

115 65.0 40.2 120.6

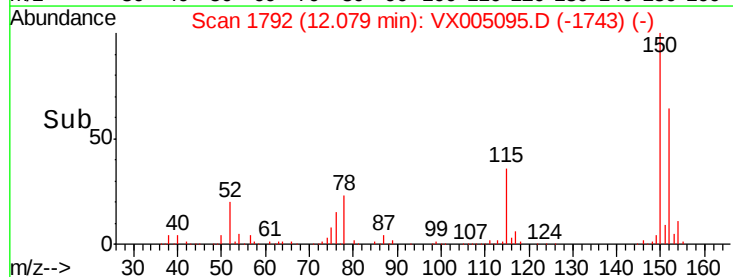
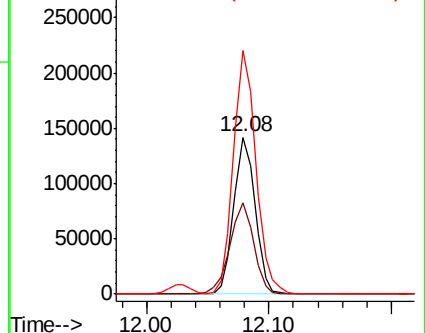
150 164.1 0.0 351.0

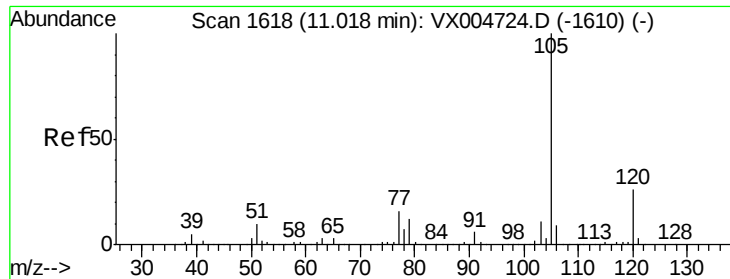


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.635 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

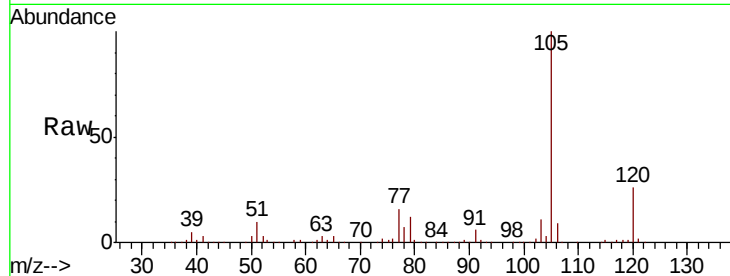
VX1005WBSD02

Tot Ion:105 Resp: 221803

Ion Ratio Lower Upper

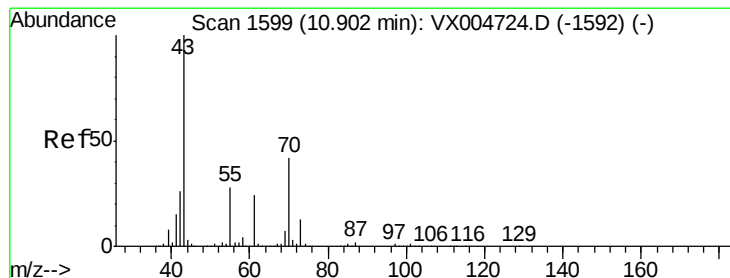
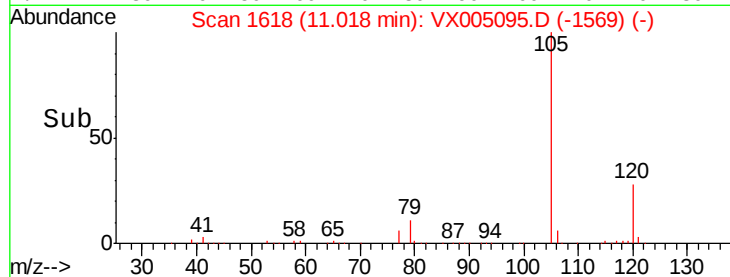
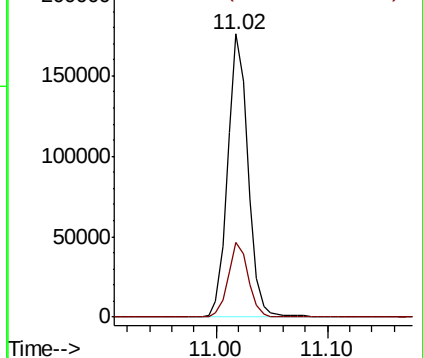
105 100

120 26.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.399 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Tgt Ion: 43 Resp: 101938

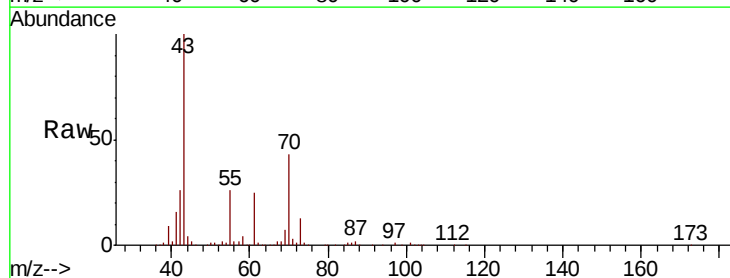
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 26.7 21.6 32.4

61 23.7 19.1 28.7

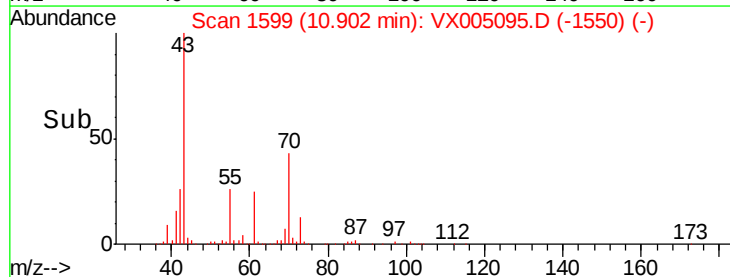
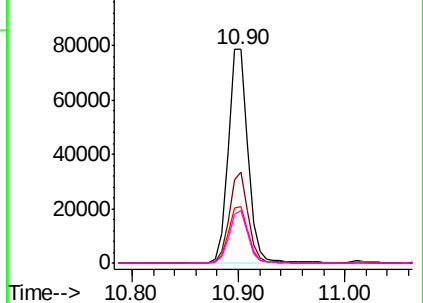


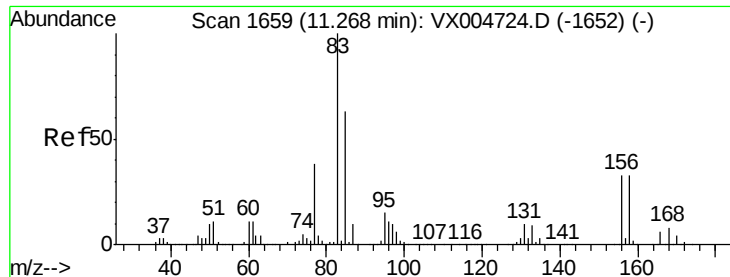
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.458 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

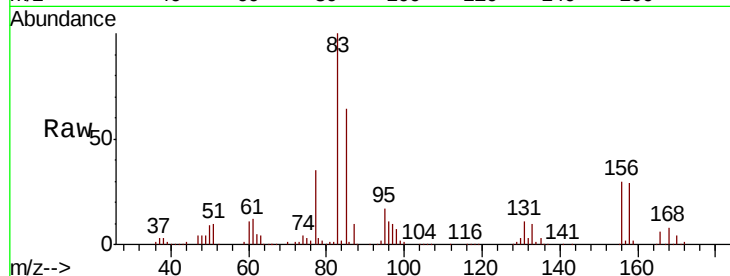
Tot Ion: 83 Resp: 80761

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

85 64.2 31.9 95.9

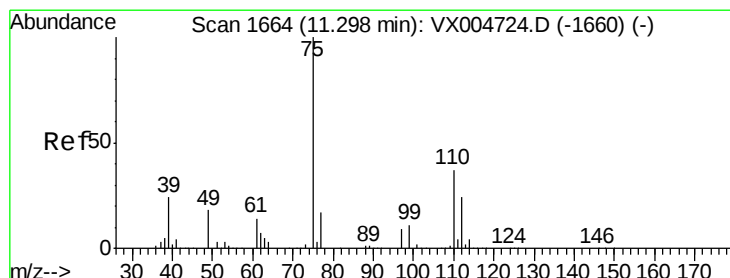
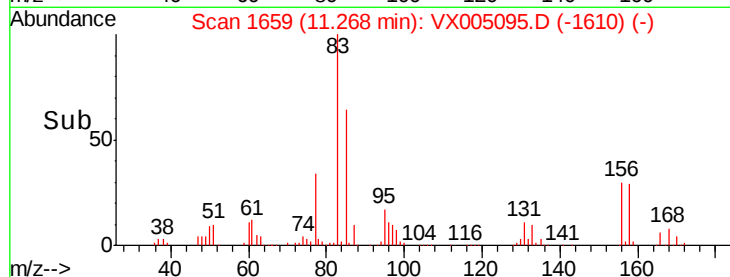


Abundance Ion 82.90 (82.60 to 83.60): VX004724.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX004724.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX004724.D (-1652) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 23.186 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005095.D

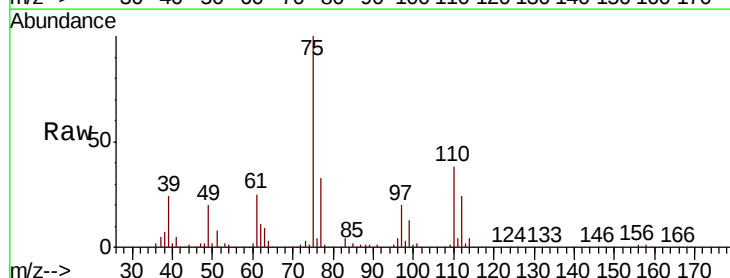
Acq: 06 Oct 2018 05:06

Tgt Ion: 75 Resp: 88622

Ion Ratio Lower Upper

75 100

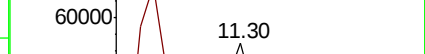
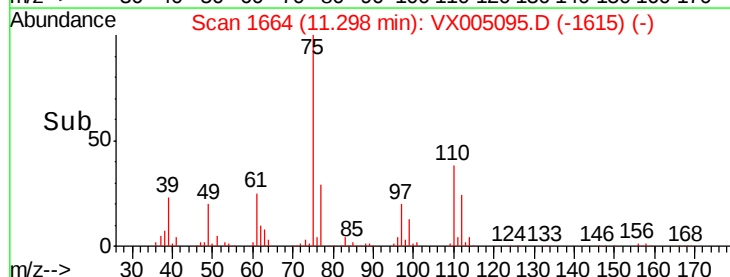
77 32.3 21.4 64.3

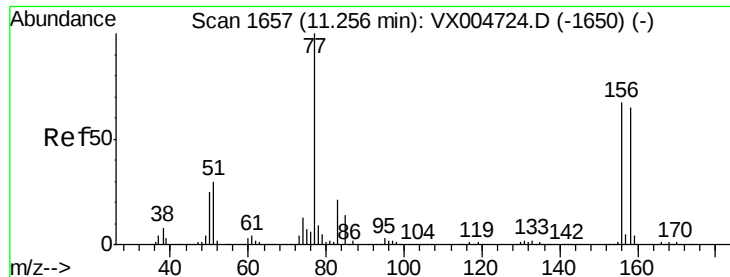


Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX004724.D (-1660) (-)

Time-->





#77

Bromobenzene

Concen: 19.456 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

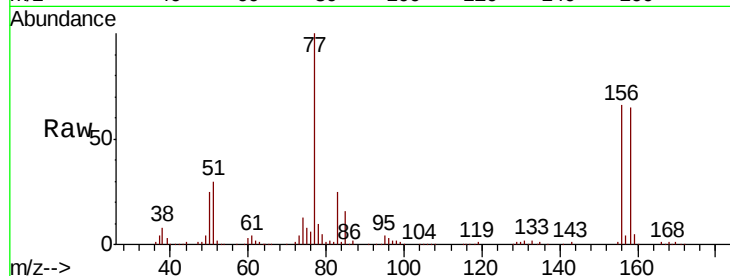
Tot Ion:156 Resp: 60744

Ion Ratio Lower Upper

156 100

77 148.0 73.4 220.2

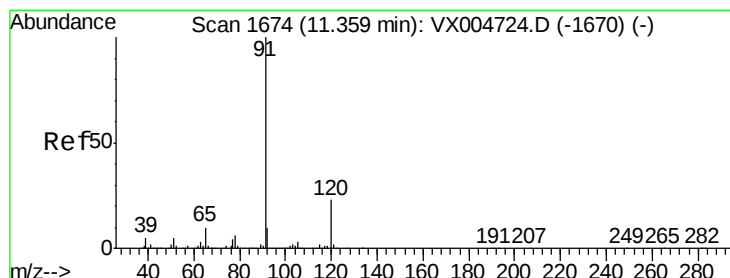
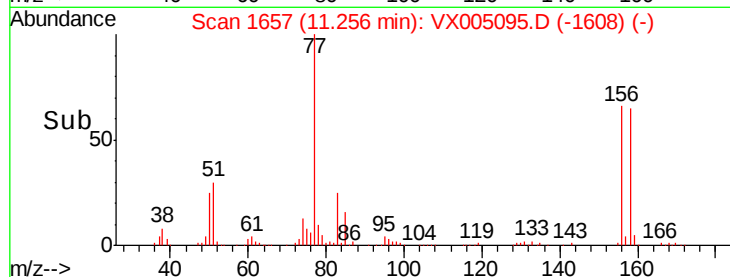
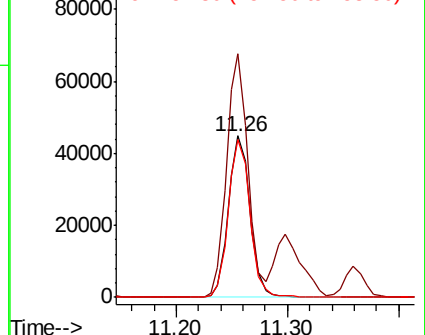
158 97.2 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.488 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005095.D

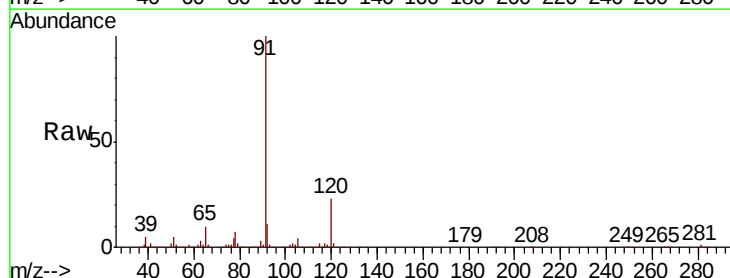
Acq: 06 Oct 2018 05:06

Tgt Ion: 91 Resp: 252675

Ion Ratio Lower Upper

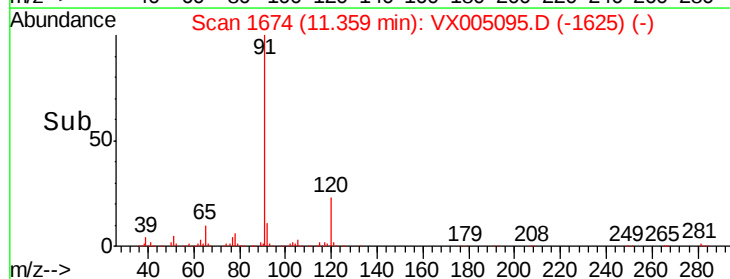
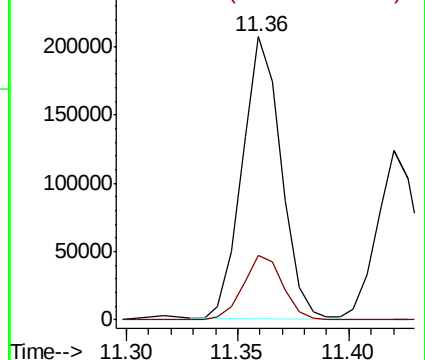
91 100

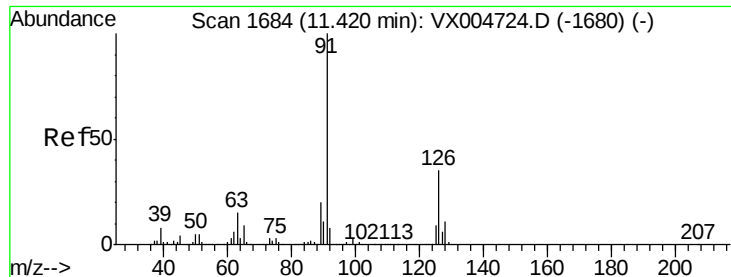
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

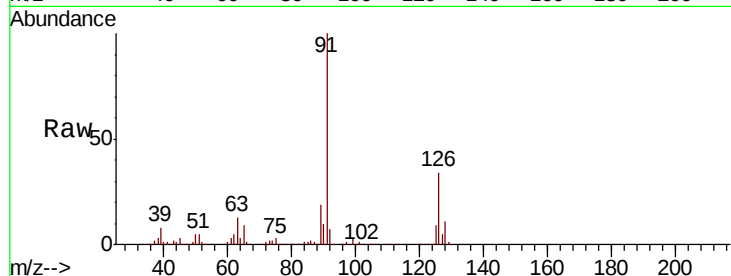
VX1005WBSD02

Tot Ion: 91 Resp: 155321

Ion Ratio Lower Upper

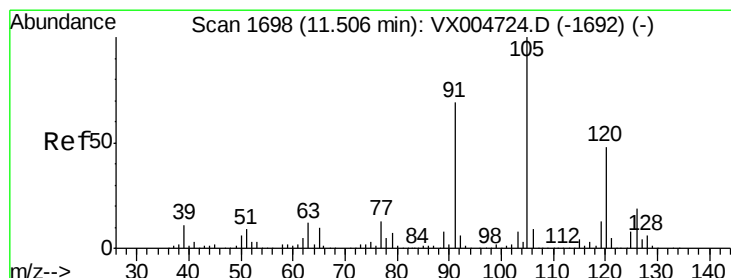
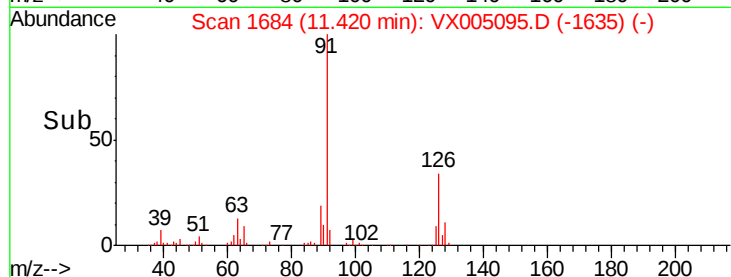
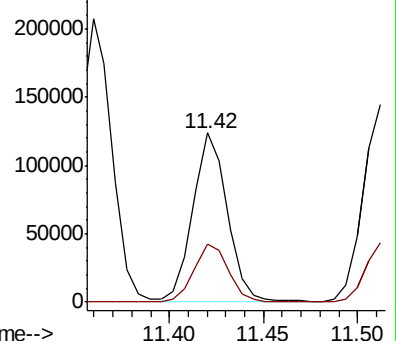
91 100

126 35.3 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.809 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005095.D

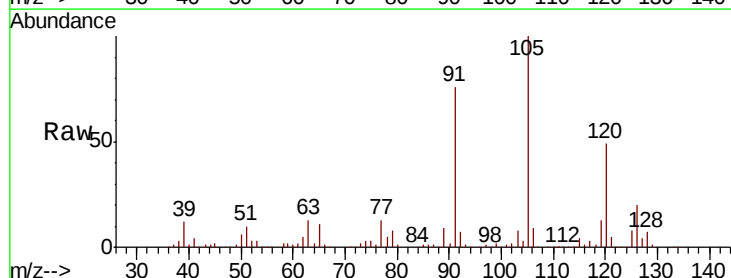
Acq: 06 Oct 2018 05:06

Tgt Ion:105 Resp: 186517

Ion Ratio Lower Upper

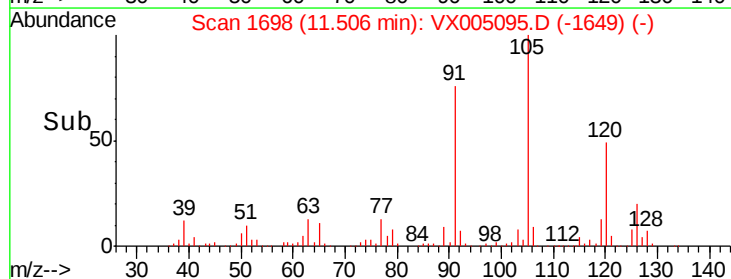
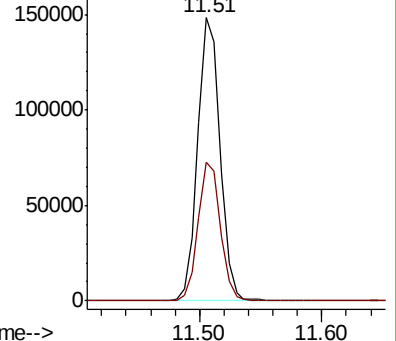
105 100

120 49.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 14.708 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

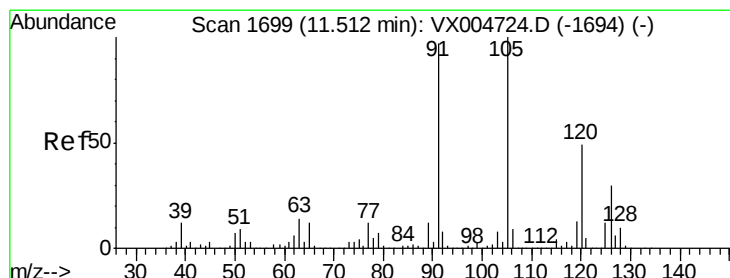
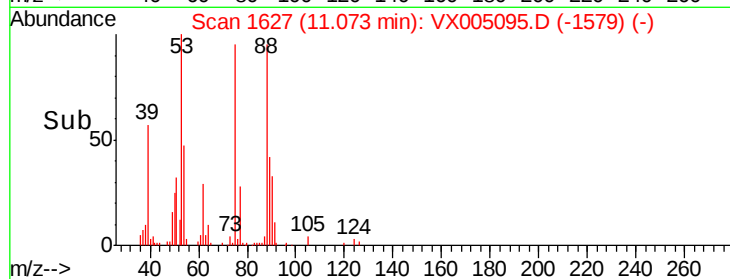
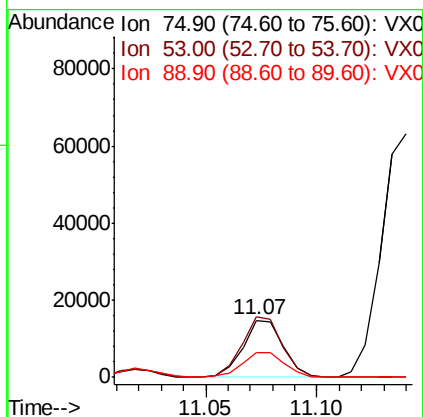
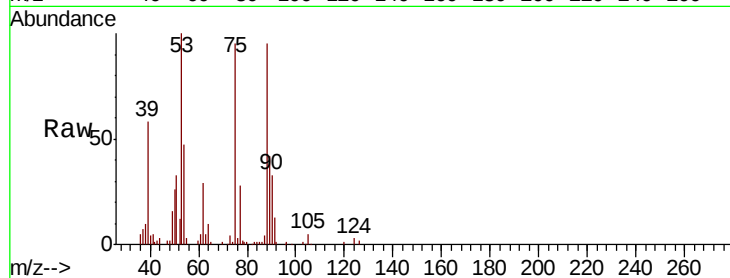
Tot Ion: 75 Resp: 18565

Ion Ratio Lower Upper

75 100

53 107.0 80.2 120.4

89 46.4 37.1 55.7



#82

4-Chlorotoluene

Concen: 20.240 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005095.D

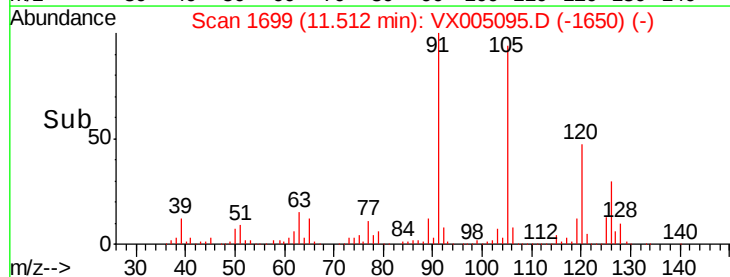
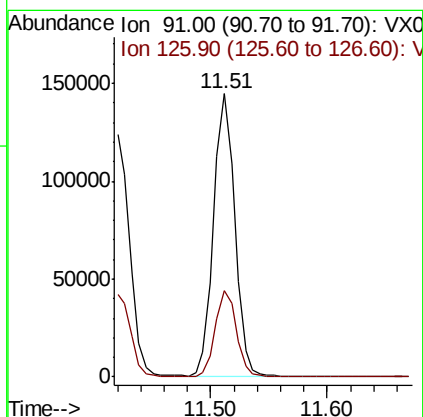
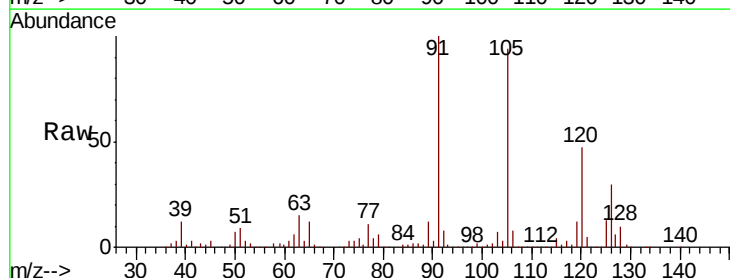
Acq: 06 Oct 2018 05:06

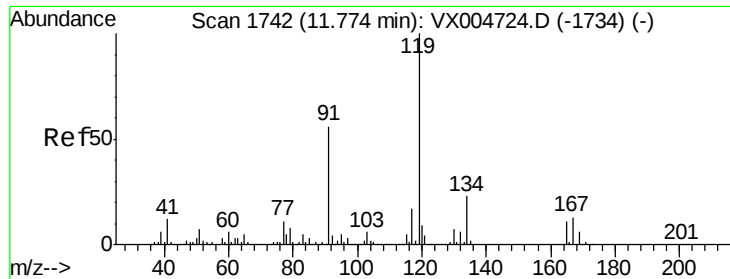
Tgt Ion: 91 Resp: 183139

Ion Ratio Lower Upper

91 100

126 30.3 15.5 46.5

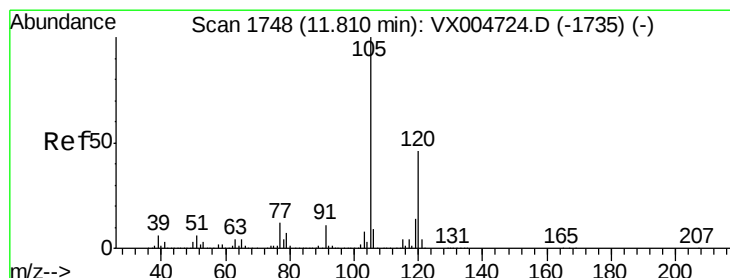
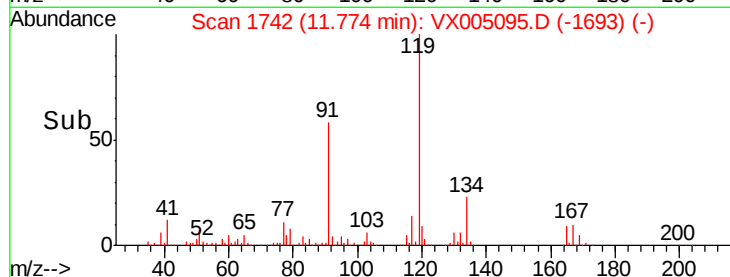
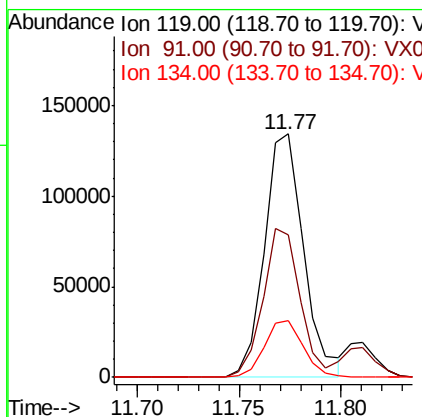
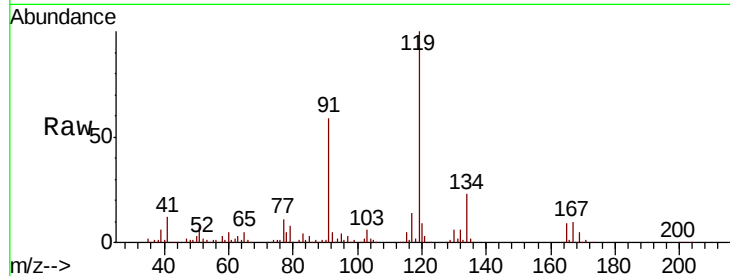




#83
tert-Butylbenzene
Concen: 20.375 ug/l
RT: 11.77 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

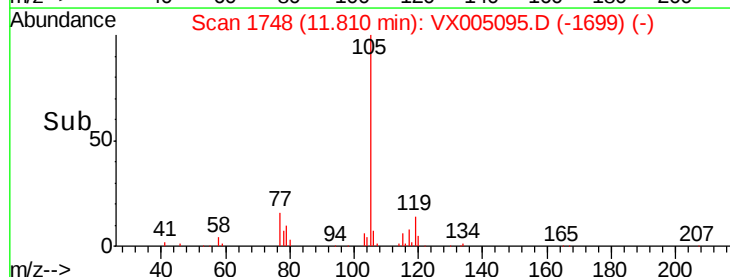
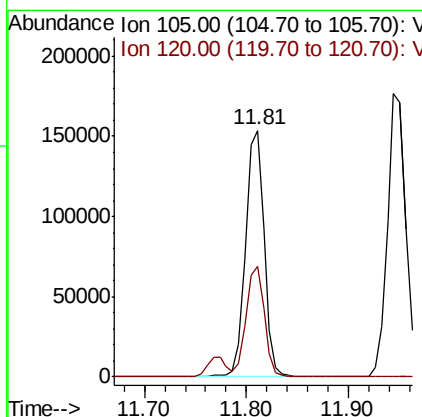
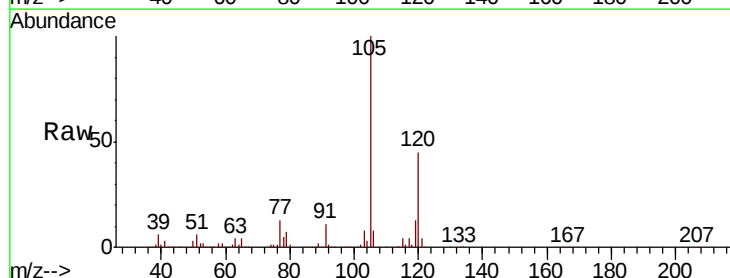
Instrument :
MSVOA_X
ClientSampled :
VX1005WBSD02

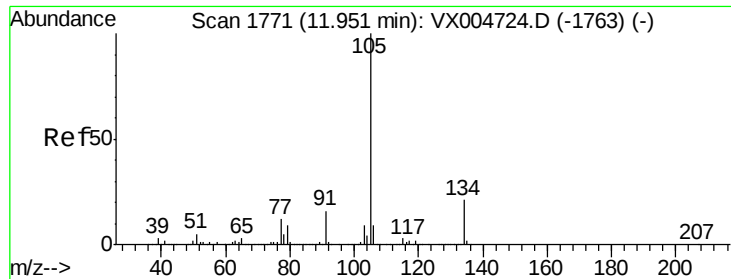
Tot Ion:119 Resp: 180311
Ion Ratio Lower Upper
119 100
91 57.6 27.5 82.5
134 23.1 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 18.999 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion:105 Resp: 194272
Ion Ratio Lower Upper
105 100
120 44.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.913 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

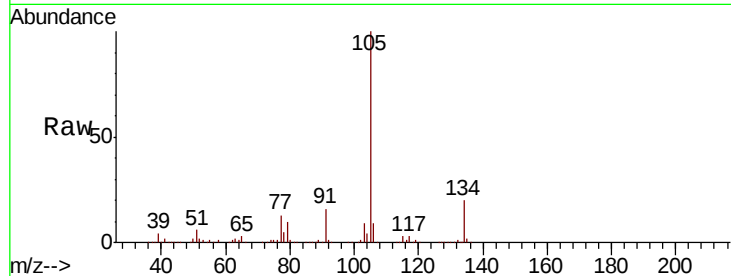
VX1005WBSD02

Tot Ion:105 Resp: 225426

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

200000

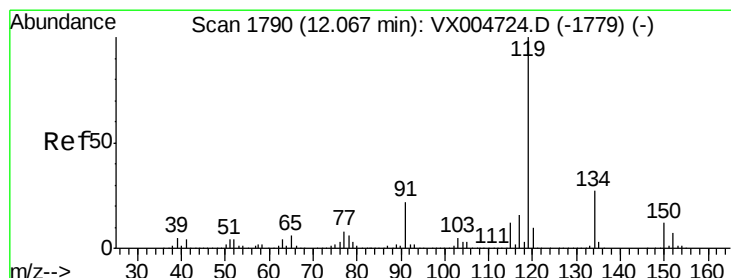
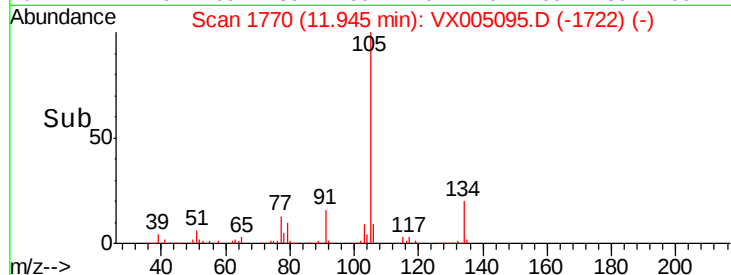
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.234 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

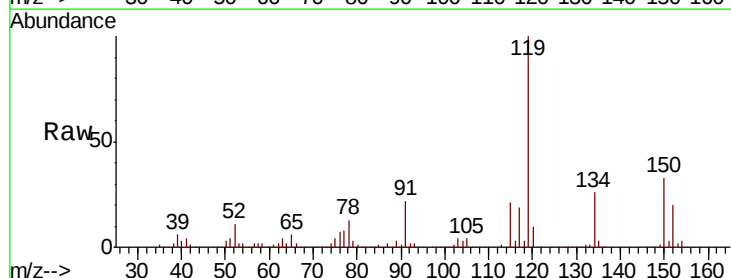
Tgt Ion:119 Resp: 197610

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

200000

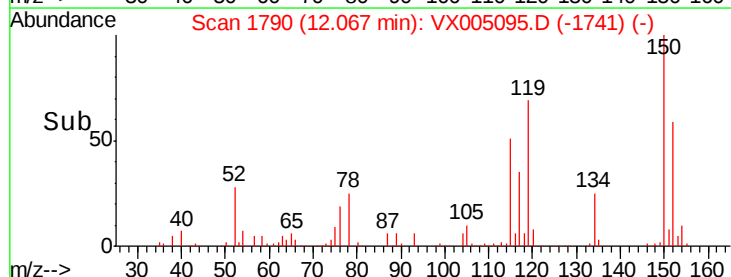
150000

100000

50000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.307 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

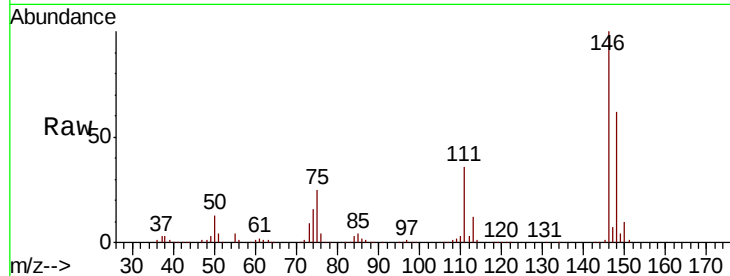
Tot Ion:146 Resp: 112554

Ion Ratio Lower Upper

146 100

111 37.9 18.9 56.9

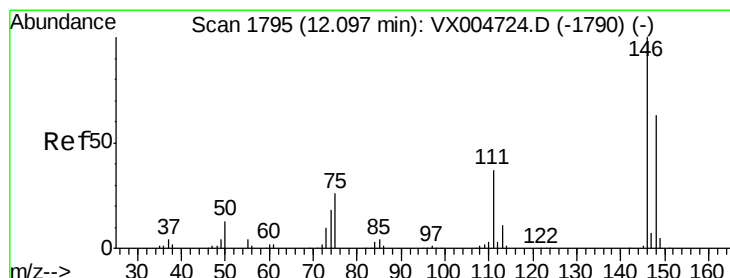
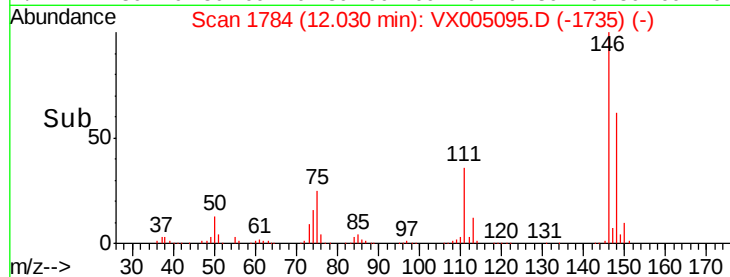
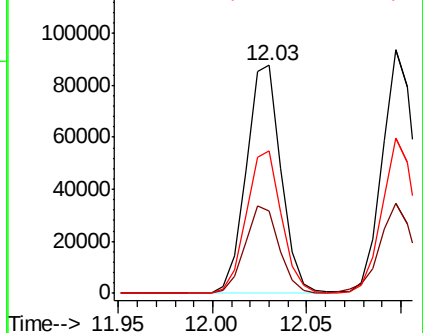
148 63.1 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.932 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

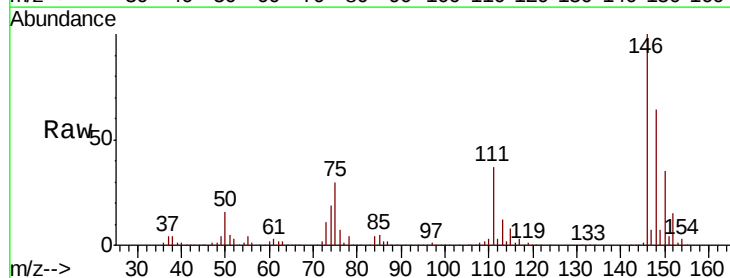
Tgt Ion:146 Resp: 113937

Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.2

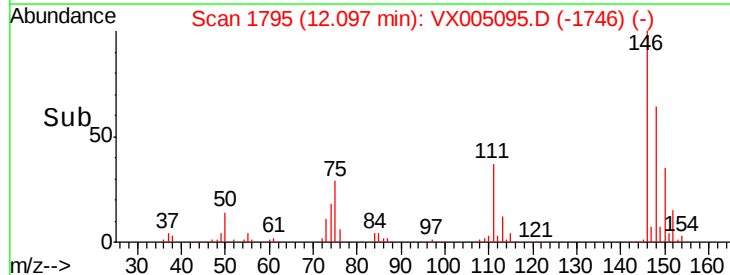
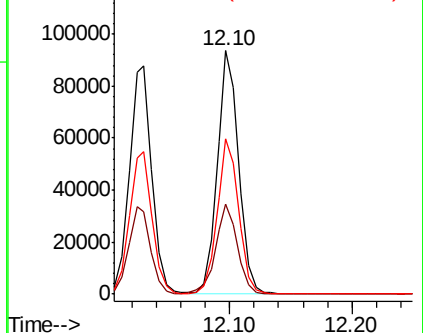
148 64.2 32.0 96.0

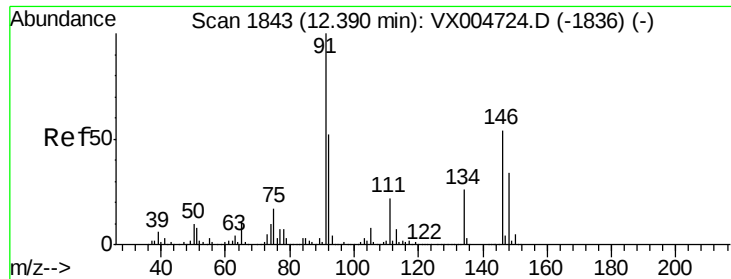


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

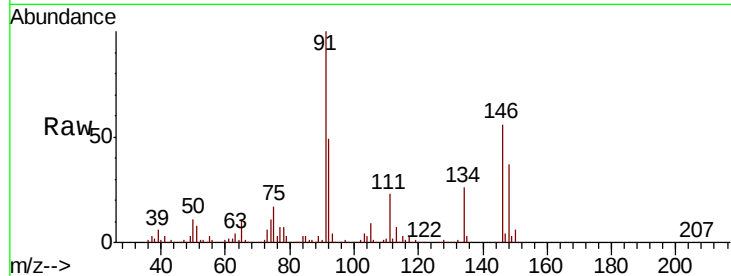




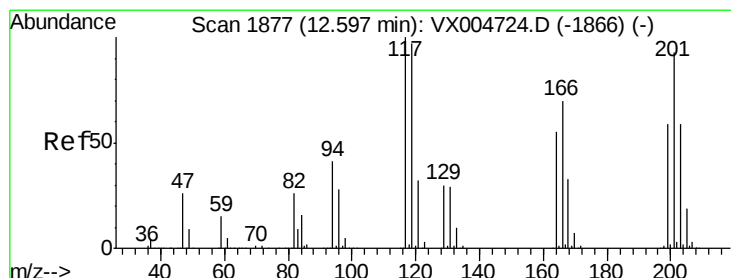
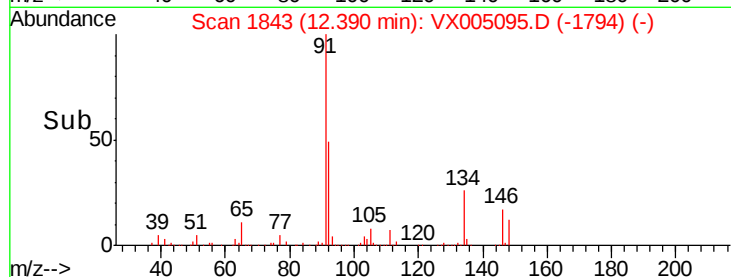
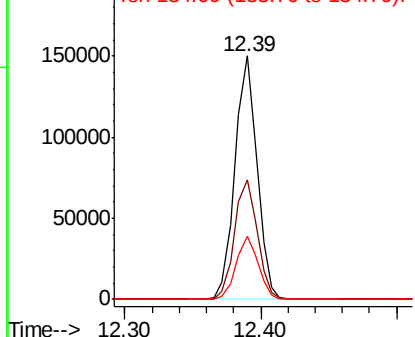
#89
n-Butylbenzene
Concen: 19.196 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Instrument :
MSVOA_X
ClientSampleId :
VX1005WBSD02

Tot Ion: 91 Resp: 170263
Ion Ratio Lower Upper
91 100
92 51.0 26.0 78.0
134 25.9 13.2 39.6

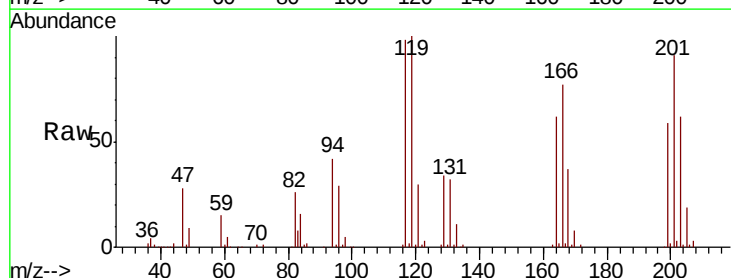


Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V

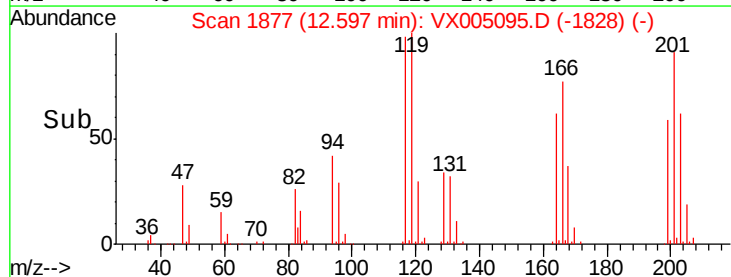
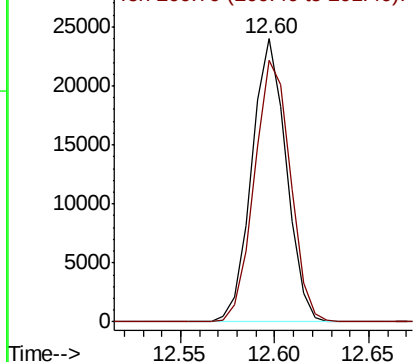


#90
Hexachloroethane
Concen: 18.736 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005095.D
Acq: 06 Oct 2018 05:06

Tgt Ion: 117 Resp: 30465
Ion Ratio Lower Upper
117 100
201 96.3 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

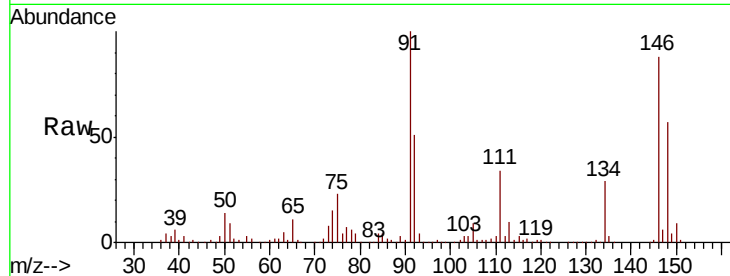




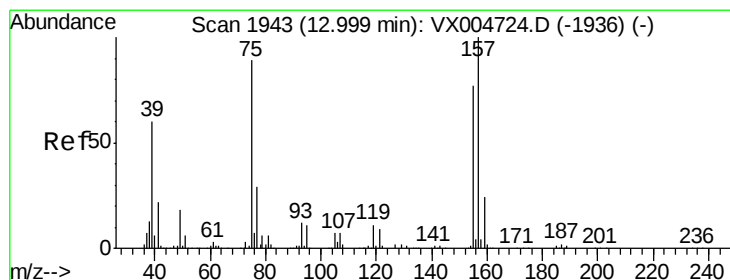
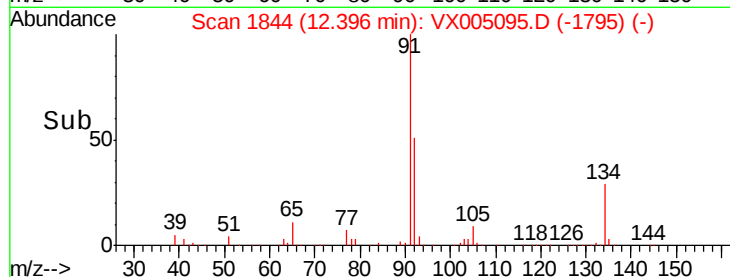
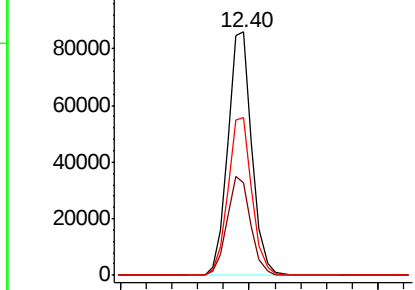
#91
 1,2-Dichlorobenzene
 Concen: 18.462 ug/l
 RT: 12.40 min Scan# 1844
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion:146 Resp: 112478
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.6 58.7
 148 64.6 31.8 95.4

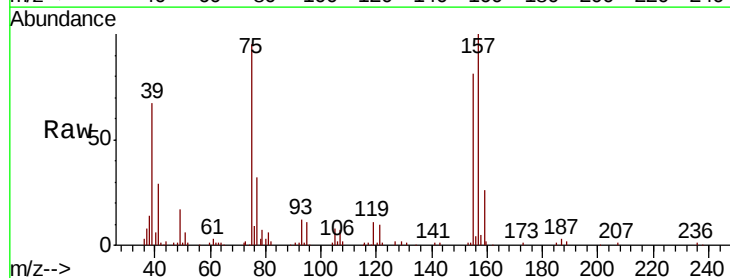


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

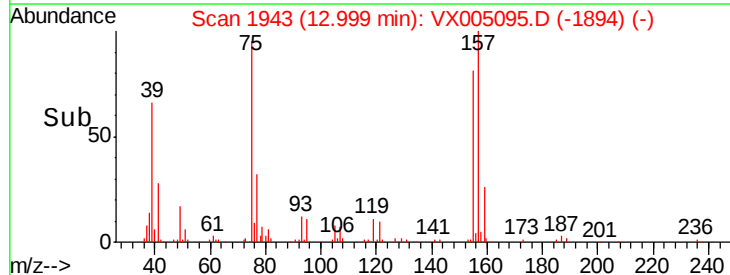
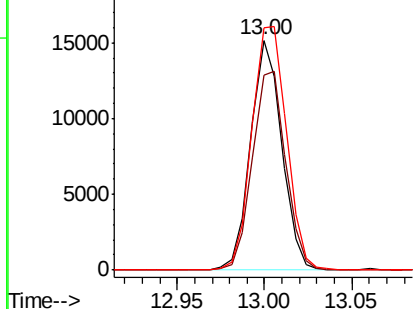


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.524 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion: 75 Resp: 18757
 Ion Ratio Lower Upper
 75 100
 155 92.7 46.1 138.3
 157 117.9 60.2 180.6



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

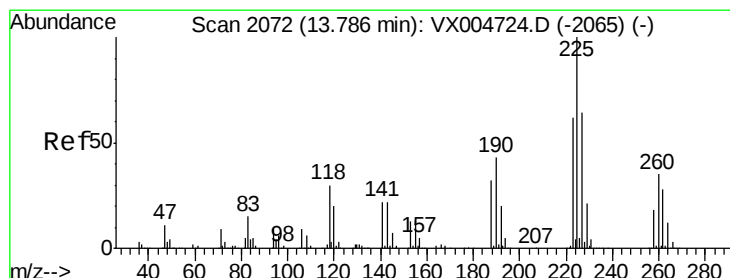
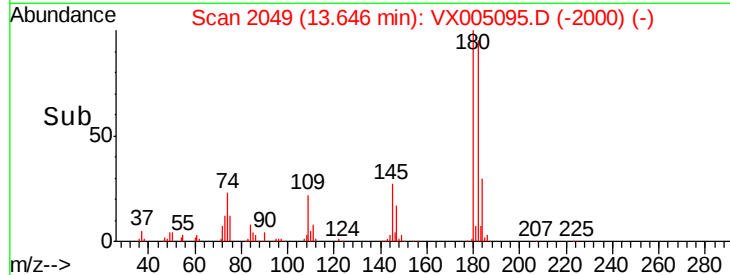
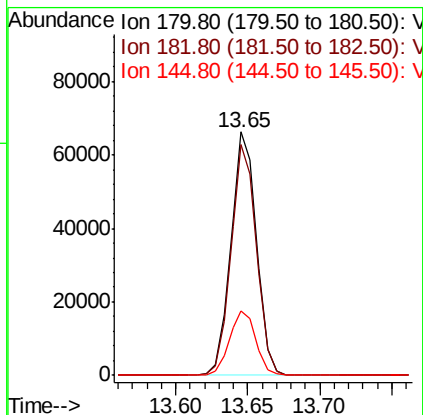
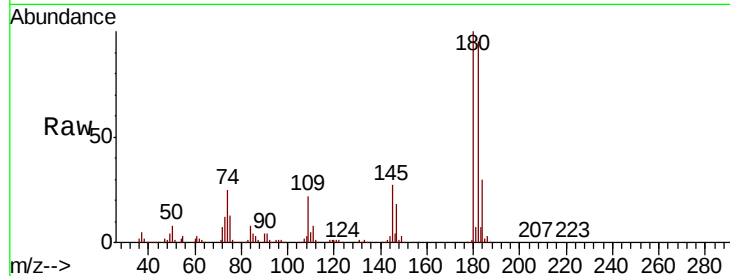




#93
 1,2,4-Trichlorobenzene
 Concen: 19.307 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

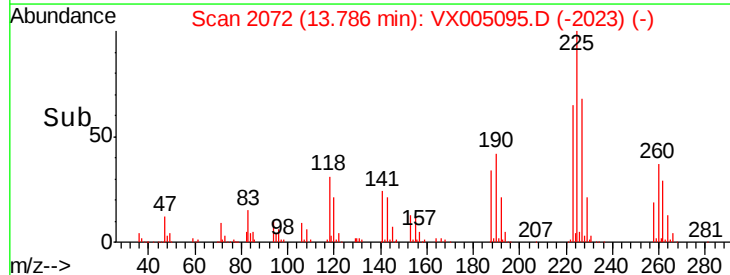
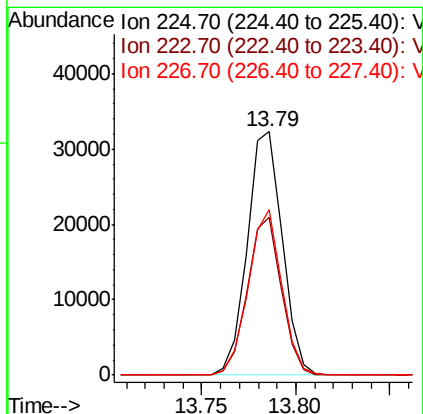
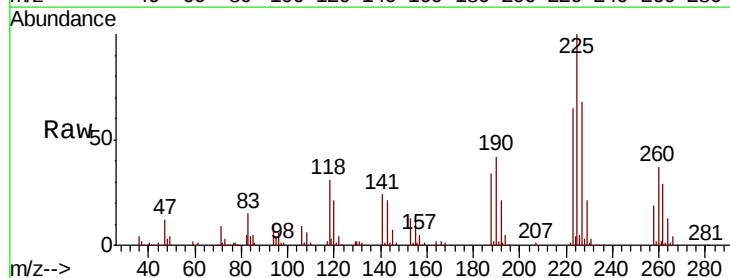
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD02

Tot Ion:180 Resp: 82511
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.8 143.4
 145 27.3 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.761 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005095.D
 Acq: 06 Oct 2018 05:06

Tgt Ion:225 Resp: 41577
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.3 93.8
 227 64.9 31.9 95.5





#95

Naphthalene

Concen: 18.560 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

Instrument :

MSVOA_X

ClientSampleId :

VX1005WBSD02

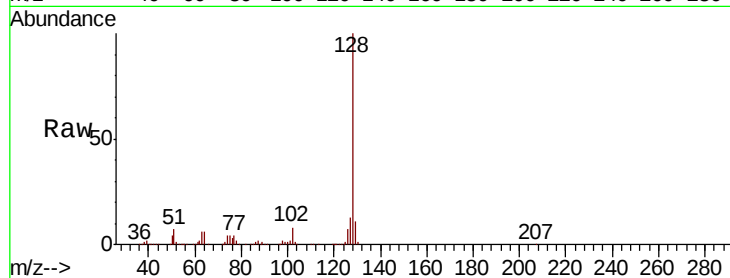
Tot Ion:128 Resp: 256763

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

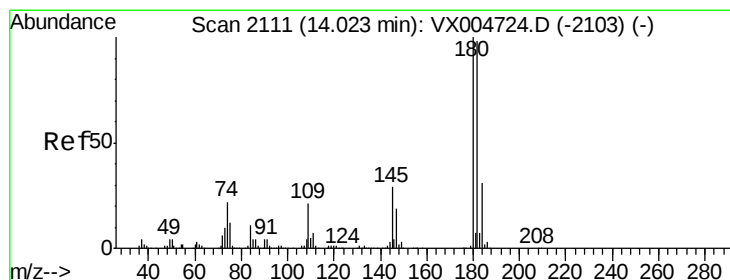
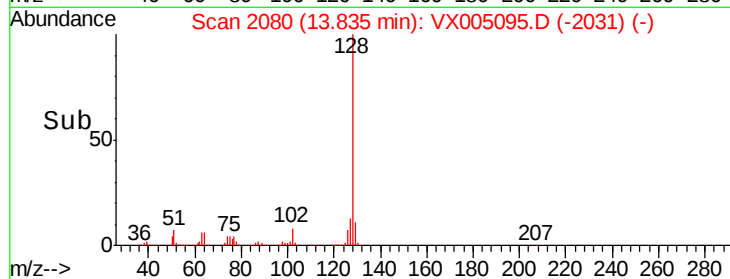
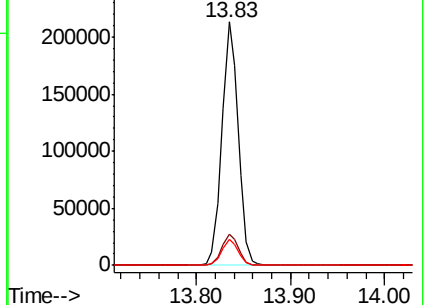
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.765 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005095.D

Acq: 06 Oct 2018 05:06

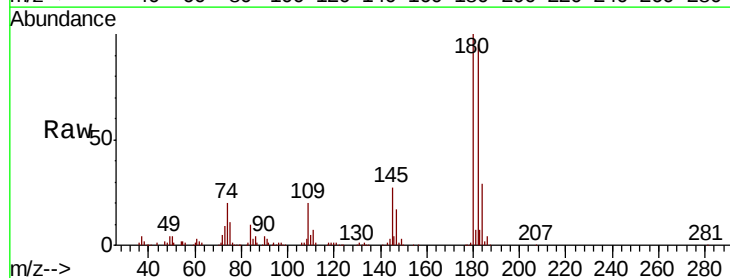
Tgt Ion:180 Resp: 87260

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 29.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

