

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003905.D
 Acq On : 08 Aug 2018 03:38
 Operator : JC/MD
 Sample : VX0807WBSD03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Quant Time: Aug 08 04:53:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	491024	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	464579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	259416	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219845	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
35) Dibromofluoromethane	5.51	113	181586	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
50) Toluene-d8	8.72	98	709638	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
62) 4-Bromofluorobenzene	11.14	95	253361	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66818	20.31	ug/l	100
3) Chloromethane	1.32	50	86593	19.35	ug/l	100
4) Vinyl Chloride	1.40	62	88663	19.86	ug/l	100
5) Bromomethane	1.64	94	54821	20.89	ug/l	100
6) Chloroethane	1.72	64	71945	25.19	ug/l	96
7) Trichlorofluoromethane	1.93	101	118504	20.11	ug/l	98
8) Diethyl Ether	2.19	74	52924	19.98	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71627	19.45	ug/l	99
10) Methyl Iodide	2.51	142	89905	19.62	ug/l	100
11) Tert butyl alcohol	3.07	59	103825	100.41	ug/l	99
12) 1,1-Dichloroethene	2.37	96	69312	19.89	ug/l	100
13) Acrolein	2.29	56	50867	91.42	ug/l	98
14) Allyl chloride	2.73	41	129951	19.35	ug/l	100
15) Acrylonitrile	3.15	53	249855	101.27	ug/l	100
16) Acetone	2.45	43	252995	98.83	ug/l	99
17) Carbon Disulfide	2.57	76	187212	19.23	ug/l	100
18) Methyl Acetate	2.78	43	116088	20.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	252335	20.44	ug/l	99
20) Methylene Chloride	2.85	84	84663	19.89	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	76646	19.38	ug/l	99
22) Diisopropyl ether	3.87	45	249911	20.24	ug/l	98
23) Vinyl Acetate	3.82	43	1013845	98.70	ug/l	100
24) 1,1-Dichloroethane	3.70	63	150495	20.52	ug/l	100
25) 2-Butanone	4.71	43	388302	100.89	ug/l	97
26) 2,2-Dichloropropane	4.59	77	60761	11.49	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	85852	20.00	ug/l	95
28) Bromochloromethane	5.02	49	63230	20.15	ug/l	98
29) Tetrahydrofuran	5.17	42	199264	100.73	ug/l	99
30) Chloroform	5.22	83	142861	20.69	ug/l	99
31) Cyclohexane	5.57	56	120941	19.50	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	117954	20.37	ug/l	98
36) 1,1-Dichloropropene	5.80	75	104925	19.08	ug/l	99
37) Ethyl Acetate	4.86	43	117880	19.49	ug/l	99
38) Carbon Tetrachloride	5.78	117	100933	19.28	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	116909	18.03	ug/l	99
40) Benzene	6.14	78	328037	19.86	ug/l	100
41) Methacrylonitrile	5.06	41	65433	19.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	112973	20.23	ug/l	99
43) Isopropyl Acetate	6.47	43	175696	19.30	ug/l	99
44) Trichloroethene	7.21	130	85363	18.90	ug/l	94
45) 1,2-Dichloropropane	7.52	63	81762	19.17	ug/l	100
46) Dibromomethane	7.67	93	54291	19.61	ug/l	100
47) Bromodichloromethane	7.90	83	100922	19.35	ug/l	99
48) Methyl methacrylate	7.78	41	89945	19.44	ug/l	98
49) 1,4-Dioxane	7.76	88	43359	397.74	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	764698	101.34	ug/l	99
52) Toluene	8.79	92	207067	19.84	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102090	17.32	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	114695	18.04	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	84583	19.84	ug/l	98
56) Ethyl methacrylate	9.18	69	117638	19.02	ug/l	99
57) 1,3-Dichloropropane	9.37	76	142548	19.98	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	307270	101.01	ug/l	100
59) 2-Hexanone	9.50	43	576583	102.22	ug/l	99
60) Dibromochloromethane	9.59	129	79179	19.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	86581	20.28	ug/l	99
64) Tetrachloroethene	9.34	164	85325	18.67	ug/l	93
65) Chlorobenzene	10.14	112	230548	19.07	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	80851	19.46	ug/l	99
67) Ethyl Benzene	10.26	91	379236	19.16	ug/l	99
68) m/p-Xylenes	10.36	106	301327	38.97	ug/l	97
69) o-Xylene	10.70	106	143264	19.63	ug/l	96
70) Styrene	10.71	104	238944	19.99	ug/l	98
71) Bromoform	10.86	173	59614	18.85	ug/l #	99
73) Isopropylbenzene	11.02	105	385598	20.09	ug/l	97
74) N-amyl acetate	6.47	43	175696	17.61	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	130749	19.88	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	137823	24.05	ug/l	86
77) Bromobenzene	11.26	156	101644	19.85	ug/l	100
78) n-propylbenzene	11.36	91	434536	20.16	ug/l	100
79) 2-Chlorotoluene	11.42	91	262361	19.97	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	314695	20.11	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	29588	15.64	ug/l	95
82) 4-Chlorotoluene	11.51	91	307369	19.97	ug/l	99
83) tert-Butylbenzene	11.77	119	307361	19.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	328706	20.89	ug/l	99
85) sec-Butylbenzene	11.95	105	364087	20.04	ug/l	99
86) p-Isopropyltoluene	12.07	119	322835	19.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183990	19.44	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	185531	20.29	ug/l	98
89) n-Butylbenzene	12.39	91	233567	16.44	ug/l	99
90) Hexachloroethane	12.60	117	45554	17.21	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	165786	17.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22858	16.96	ug/l	95

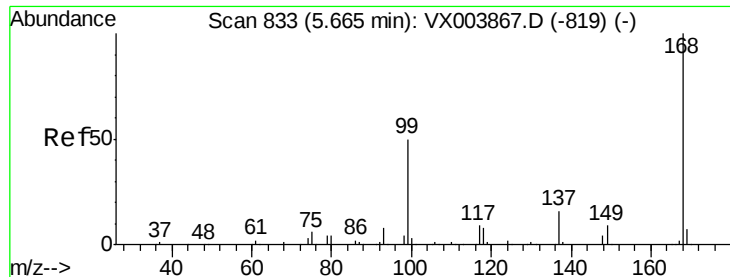
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	120165	17.81	ug/l	96
94) Hexachlorobutadiene	13.79	225	58119	19.79	ug/l	98
95) Naphthalene	13.83	128	396263	20.51	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	135244	20.09	ug/l	98

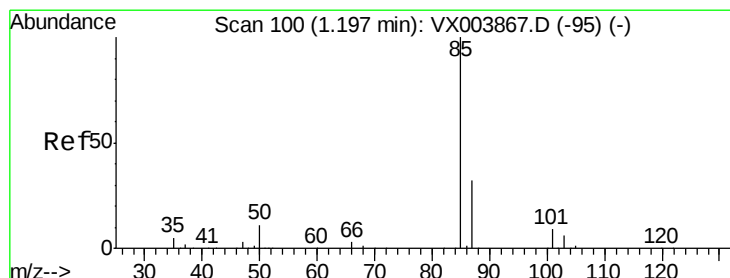
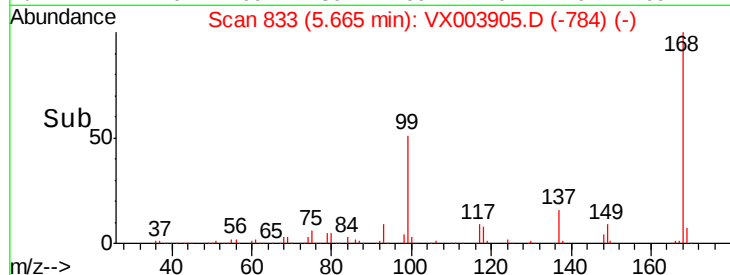
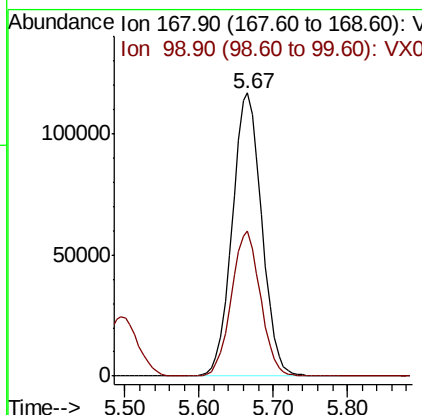
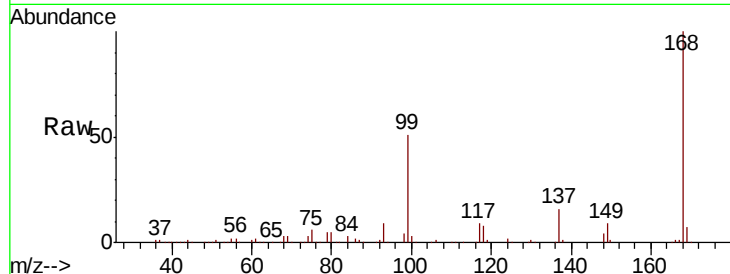
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

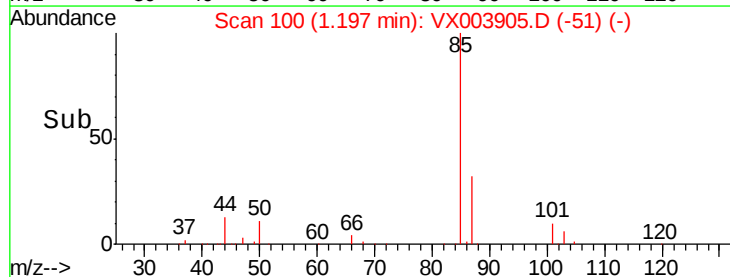
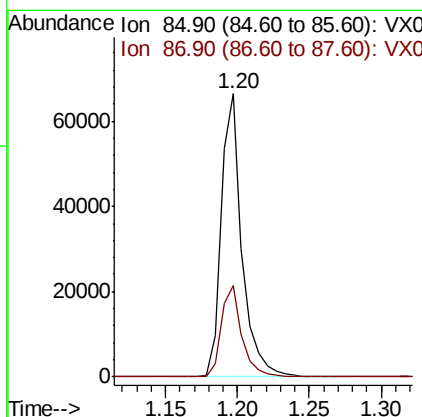
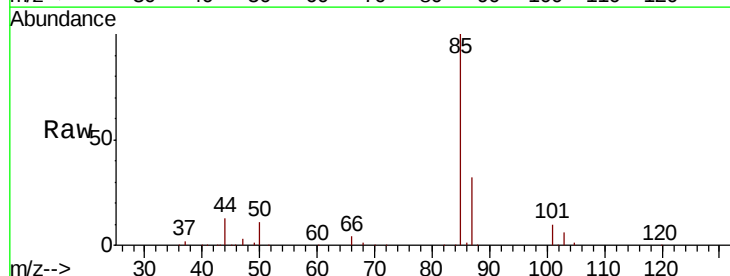
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

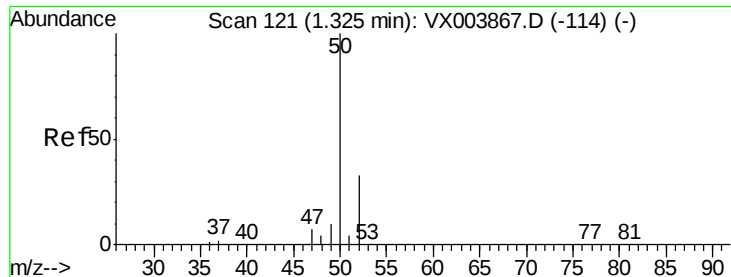
Tot Ion:168 Resp: 324604
Ion Ratio Lower Upper
168 100
99 51.1 40.1 60.1



#2
Dichlorodifluoromethane
Concen: 20.31 ug/l
RT: 1.20 min Scan# 100
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 85 Resp: 66818
Ion Ratio Lower Upper
85 100
87 32.2 16.0 48.0





#3

Chloromethane

Concen: 19.35 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

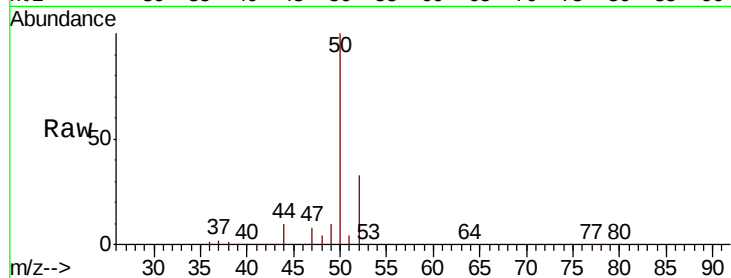
VX0807WBSD03

Tot Ion: 50 Resp: 86593

Ion Ratio Lower Upper

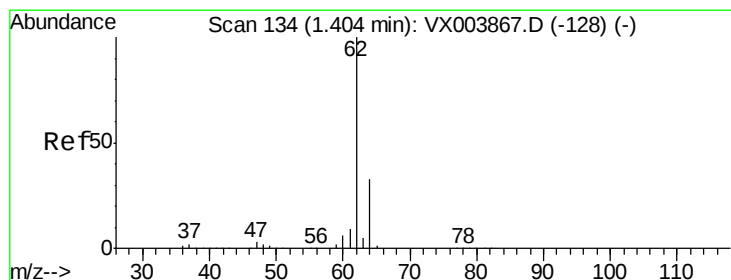
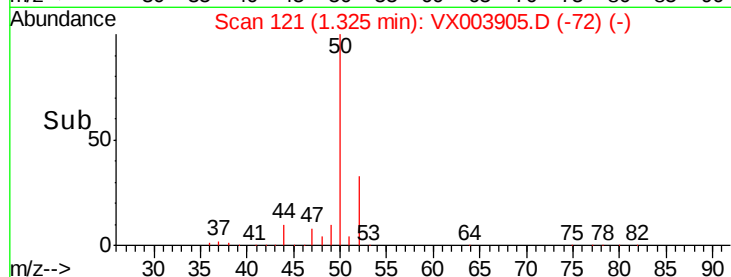
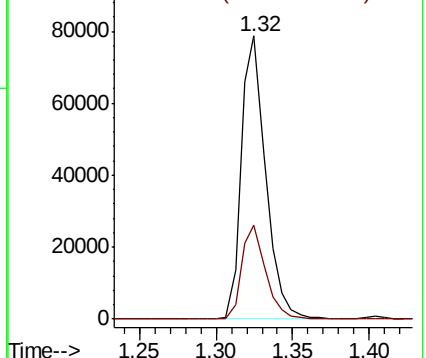
50 100

52 33.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.86 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003905.D

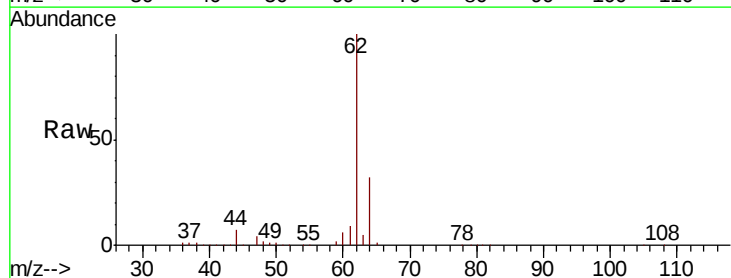
Acq: 08 Aug 2018 03:38

Tgt Ion: 62 Resp: 88663

Ion Ratio Lower Upper

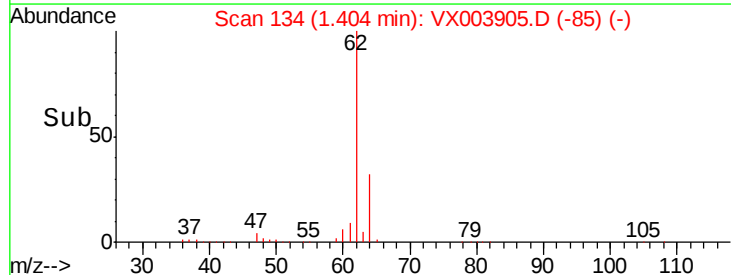
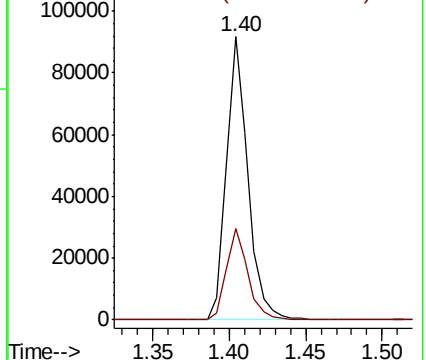
62 100

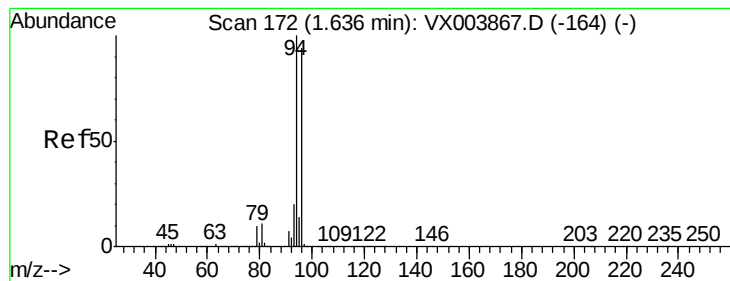
64 32.3 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.89 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

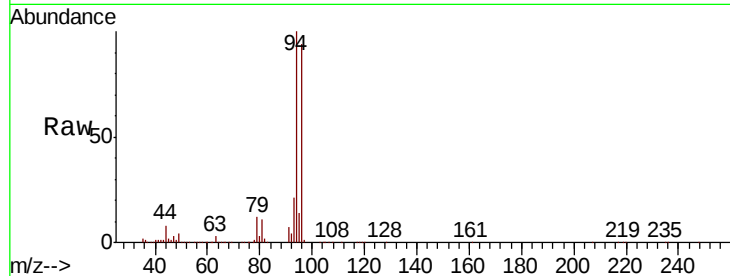
VX0807WBSD03

Tot Ion: 94 Resp: 54821

Ion Ratio Lower Upper

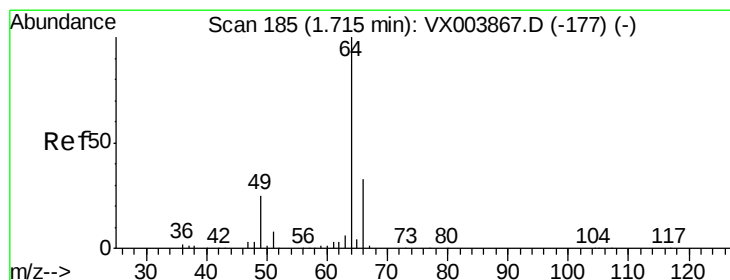
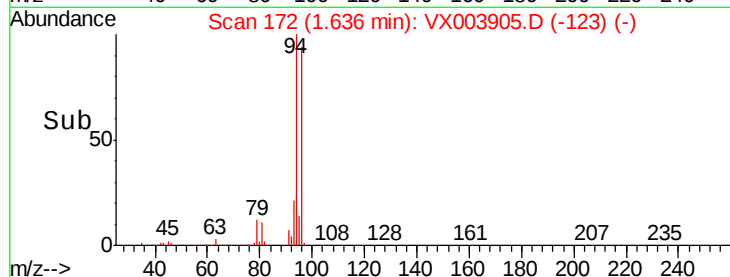
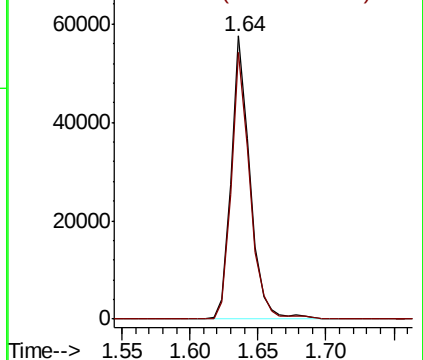
94 100

96 94.3 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.19 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003905.D

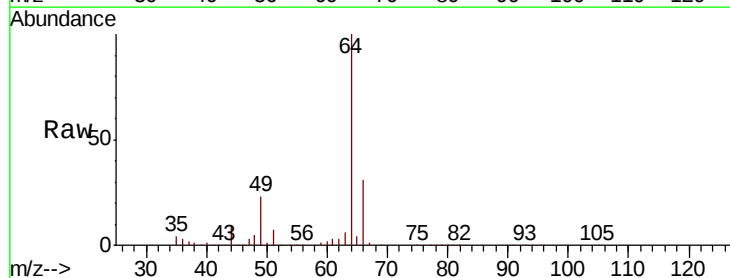
Acq: 08 Aug 2018 03:38

Tgt Ion: 64 Resp: 71945

Ion Ratio Lower Upper

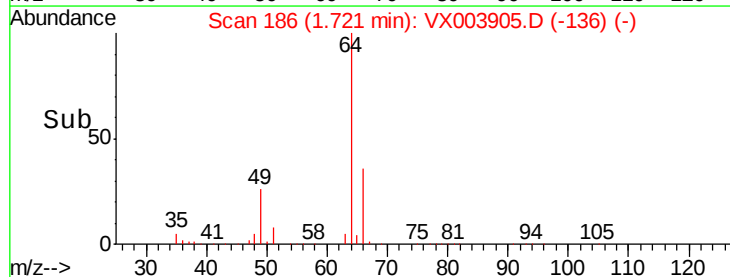
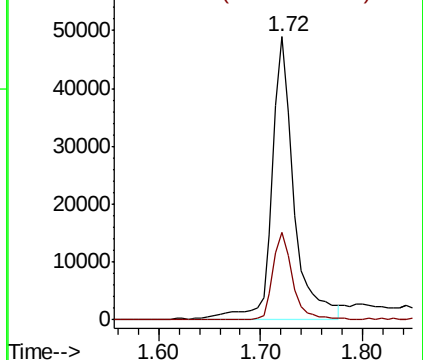
64 100

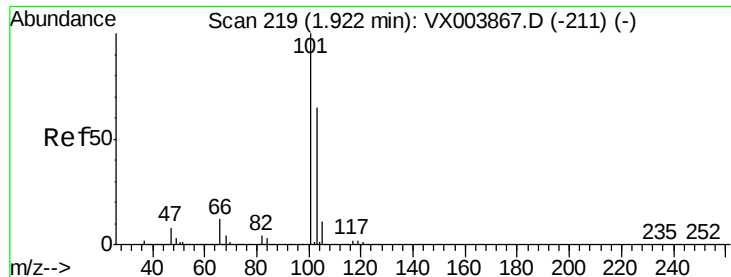
66 30.7 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



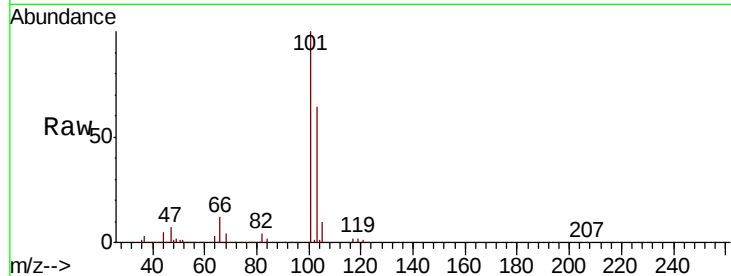


#7

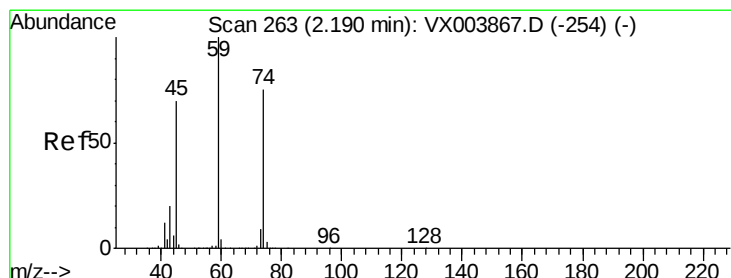
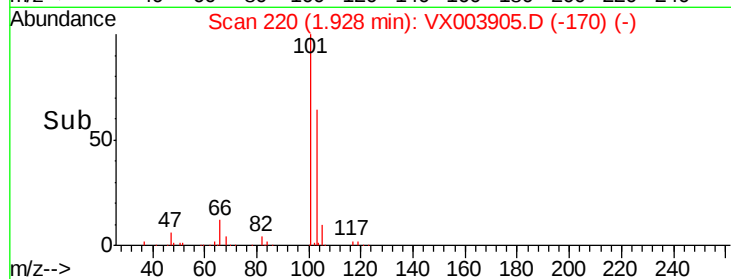
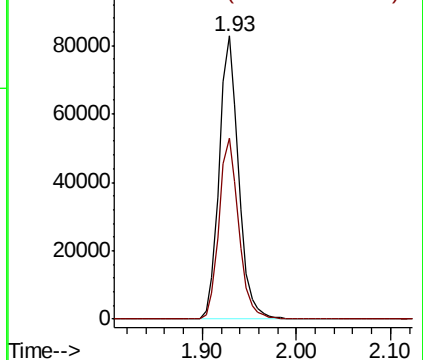
Trichlorofluoromethane
 Concen: 20.11 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion:101 Resp: 118504
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5



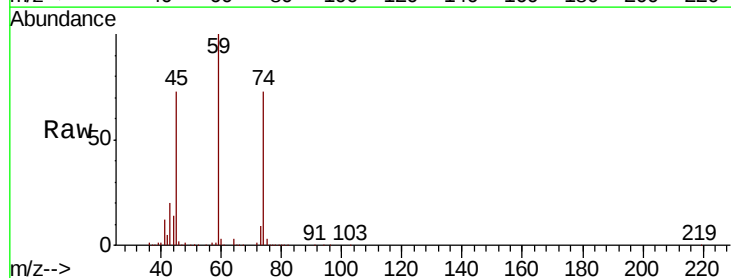
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



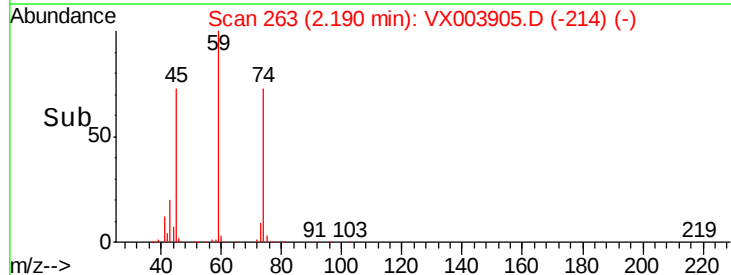
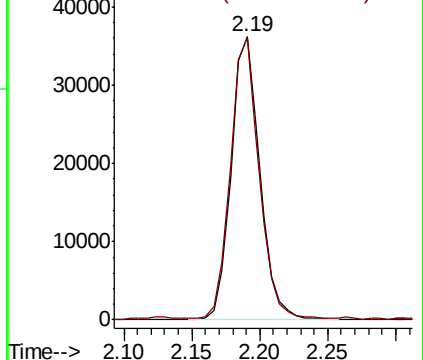
#8

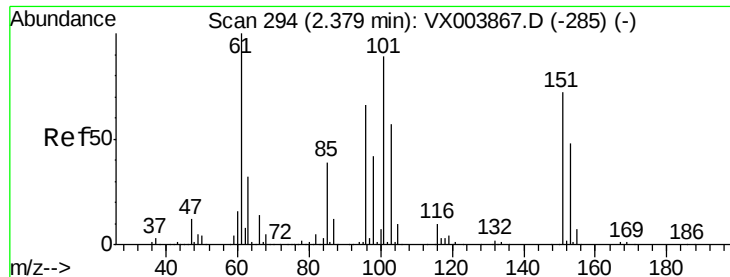
Diethyl Ether
 Concen: 19.98 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 74 Resp: 52924
 Ion Ratio Lower Upper
 74 100
 45 99.5 48.3 144.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

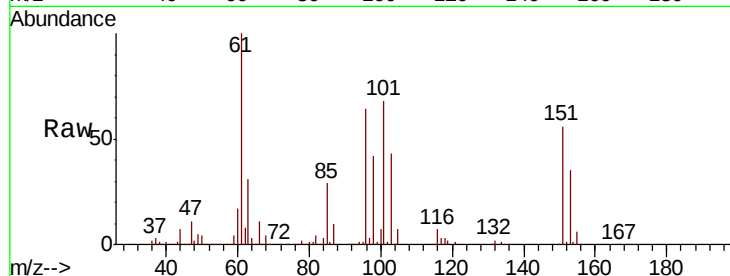
Tot Ion:101 Resp: 71627

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

151 80.9 65.0 97.4

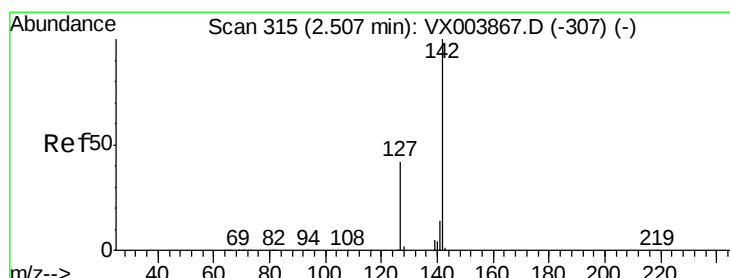
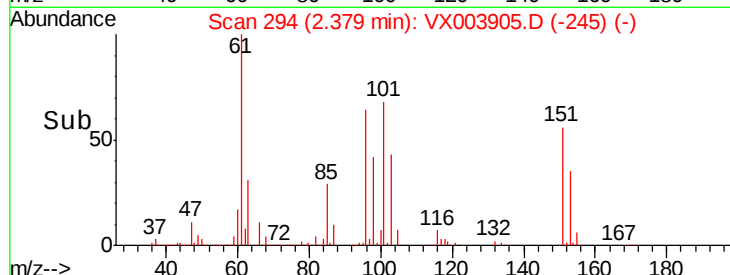
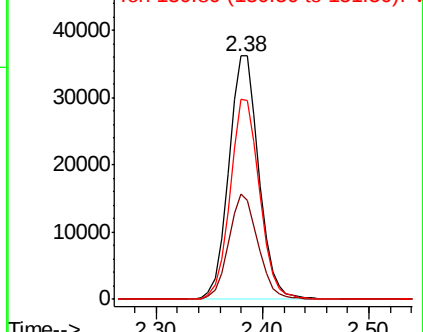


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.62 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

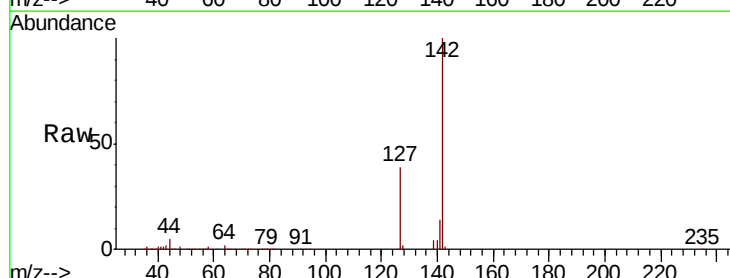
Tgt Ion:142 Resp: 89905

Ion Ratio Lower Upper

142 100

127 41.2 33.1 49.7

141 14.1 11.1 16.7

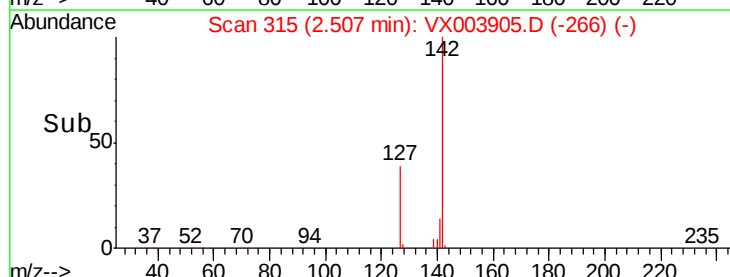
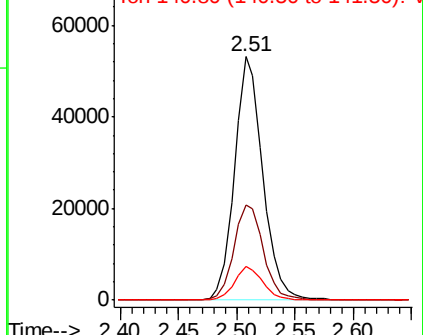


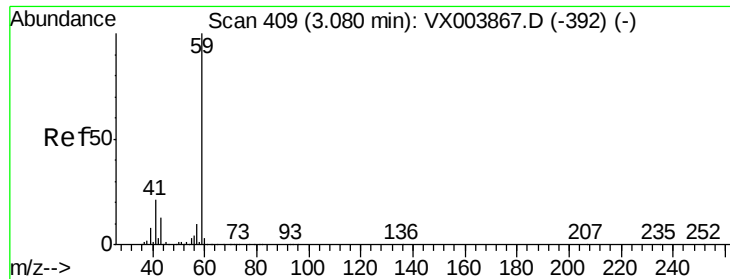
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



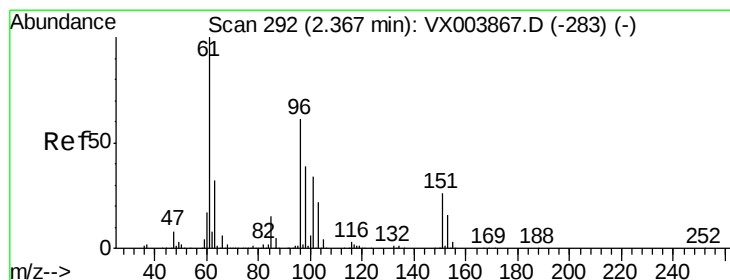
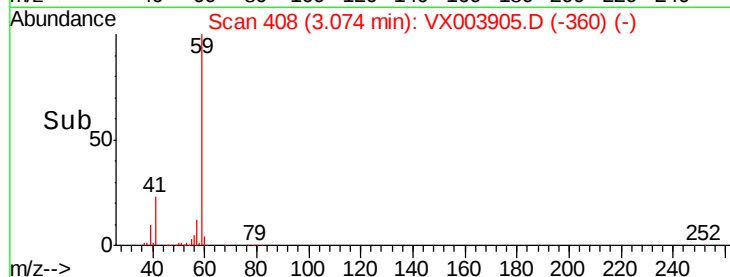
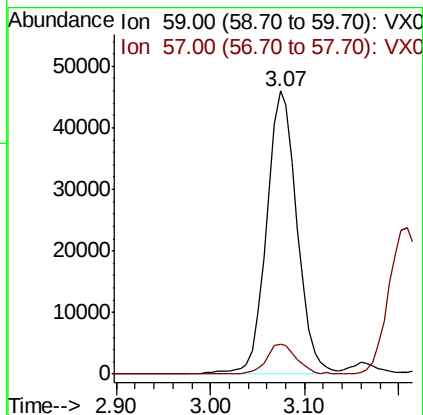
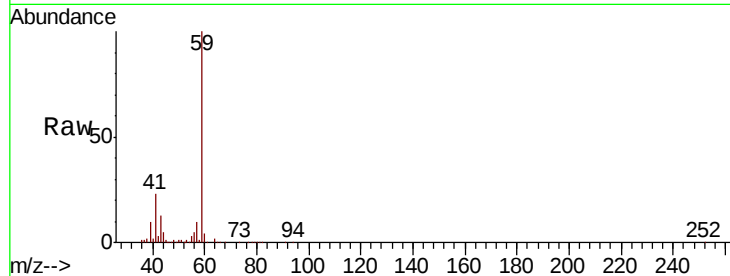


#11

Tert butyl alcohol
 Concen: 100.41 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. -0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0807WBSD03

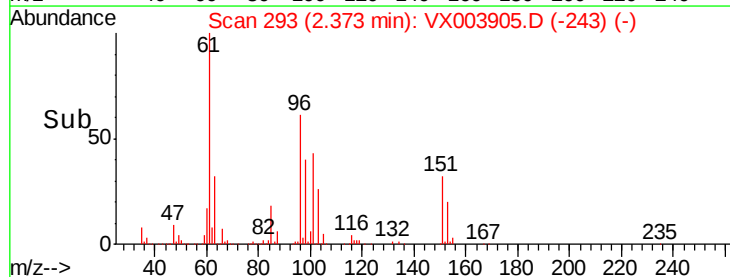
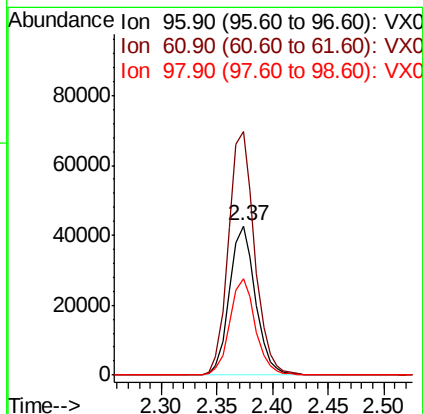
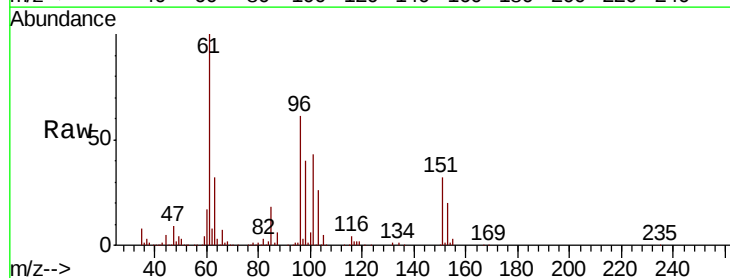
Tot Ion: 59 Resp: 103825
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.1 12.1

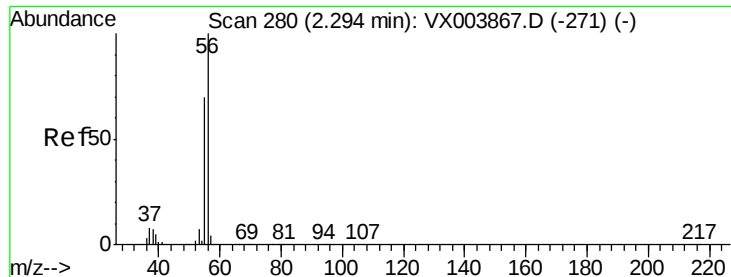


#12

1,1-Dichloroethene
 Concen: 19.89 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 96 Resp: 69312
 Ion Ratio Lower Upper
 96 100
 61 163.5 131.3 196.9
 98 64.9 51.8 77.6





#13

Acrolein

Concen: 91.42 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

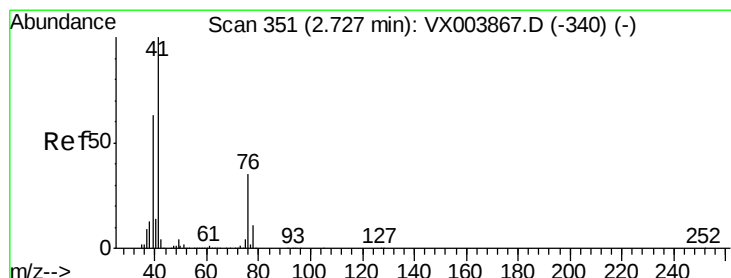
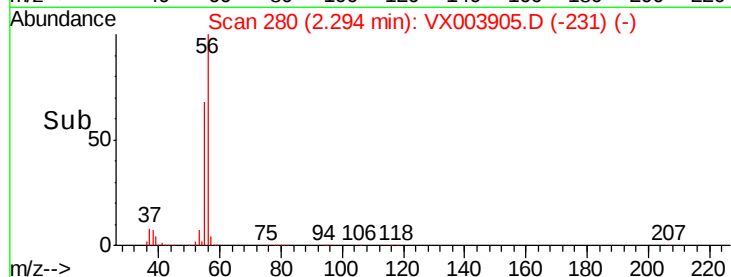
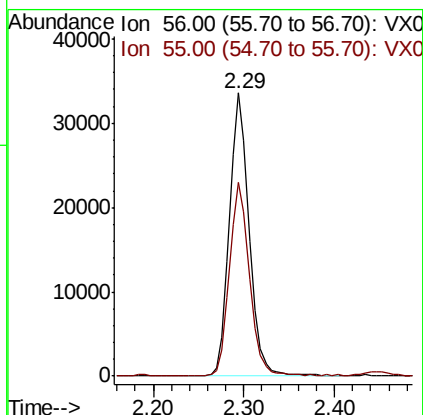
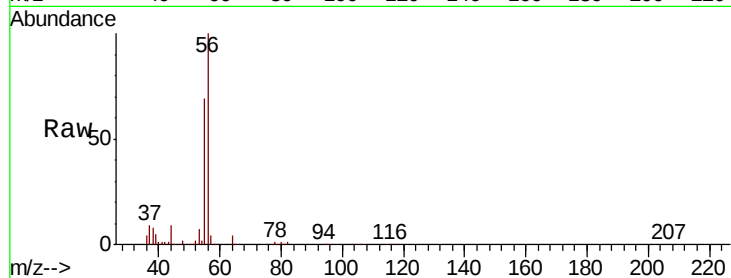
VX0807WBSD03

Tot Ion: 56 Resp: 50867

Ion Ratio Lower Upper

56 100

55 68.8 56.1 84.1



#14

Allyl chloride

Concen: 19.35 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

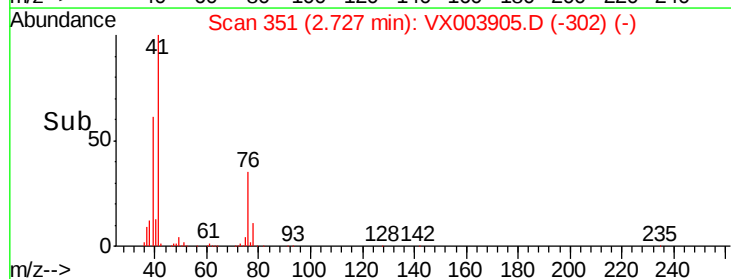
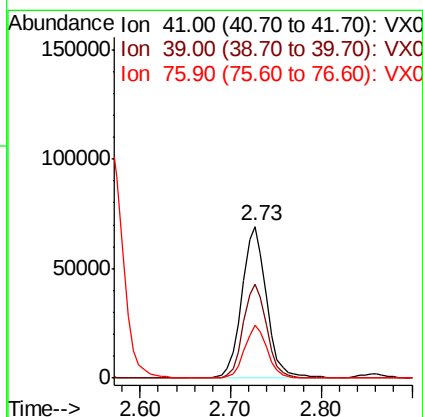
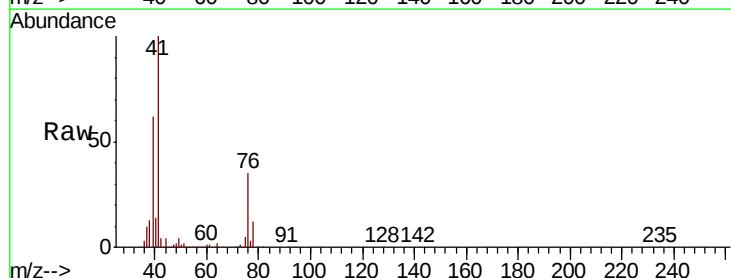
Tgt Ion: 41 Resp: 129951

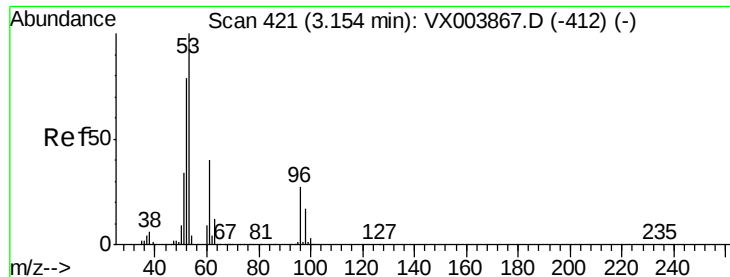
Ion Ratio Lower Upper

41 100

39 58.9 47.4 71.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 101.27 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

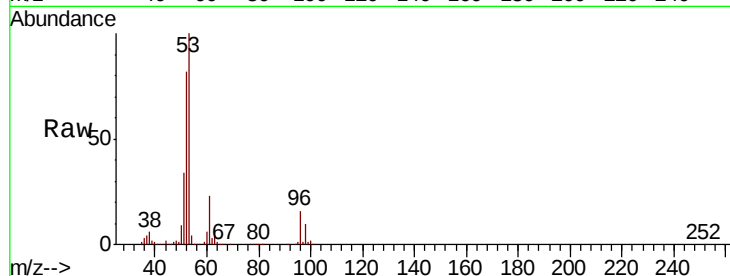
Tot Ion: 53 Resp: 249855

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

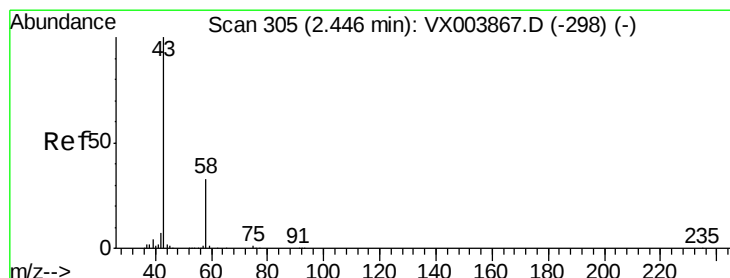
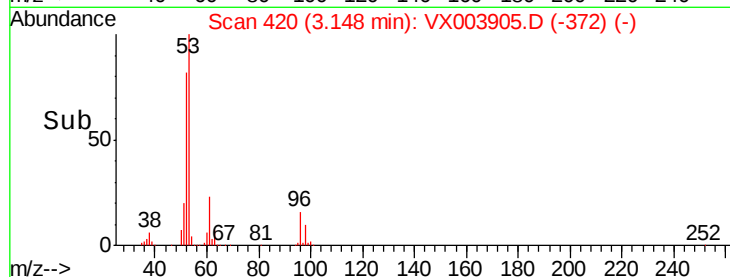
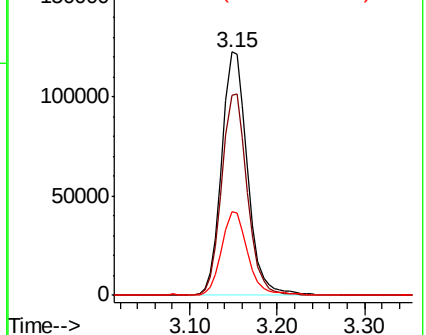
51 34.8 27.9 41.9



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003905.D

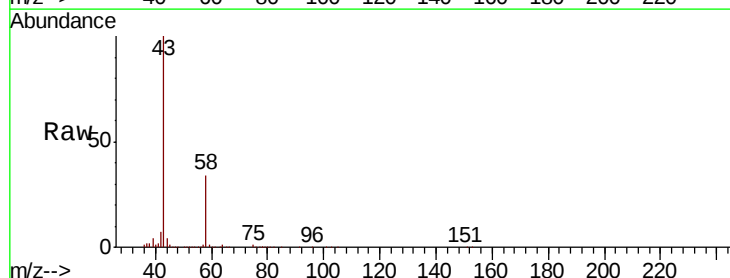
Acq: 08 Aug 2018 03:38

Tgt Ion: 43 Resp: 252995

Ion Ratio Lower Upper

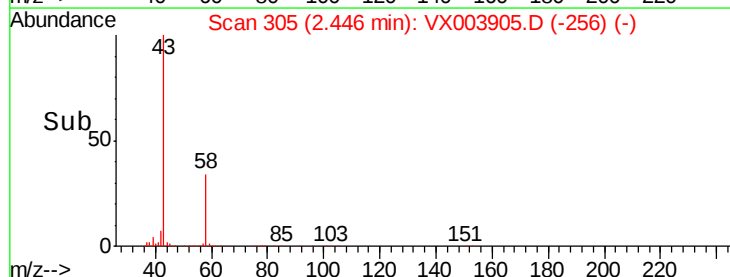
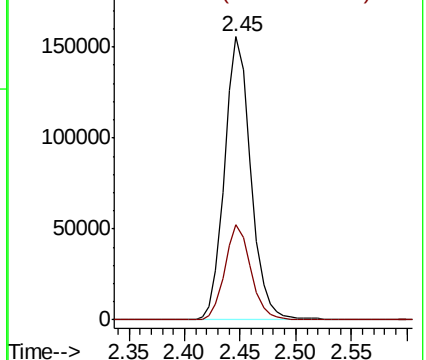
43 100

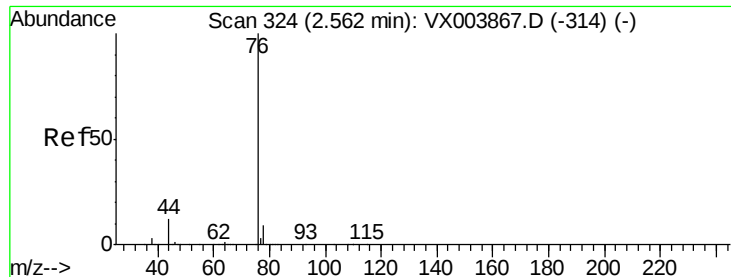
58 33.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

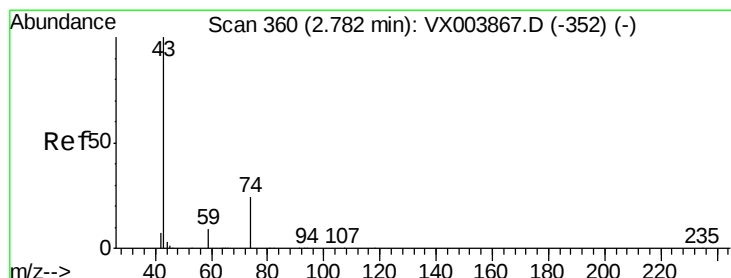
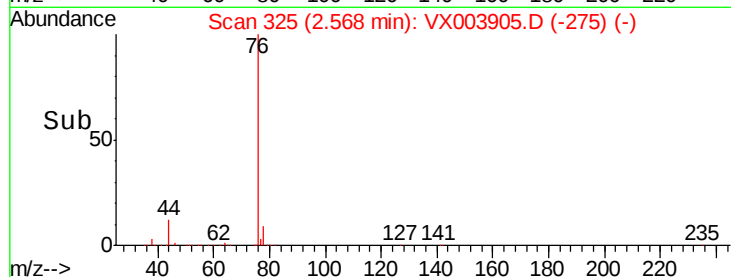
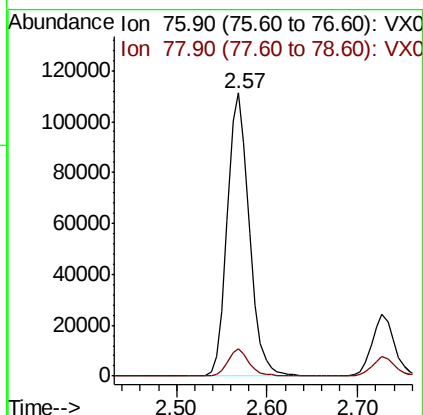
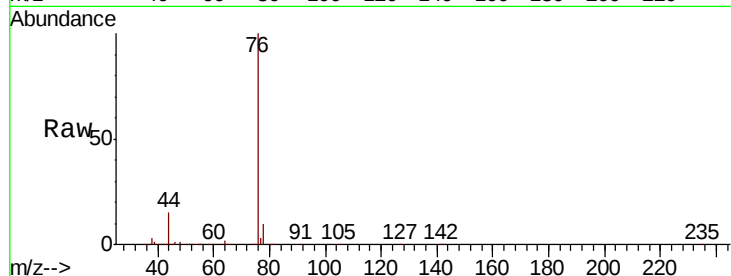




#17
Carbon Disulfide
Concen: 19.23 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

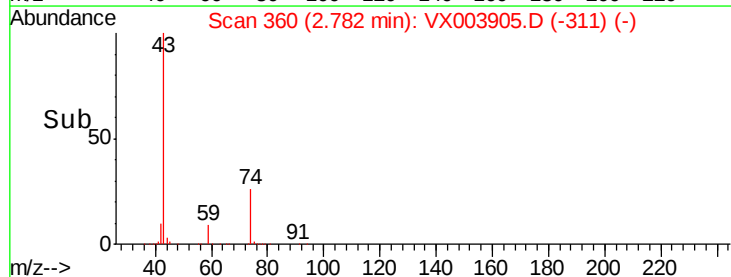
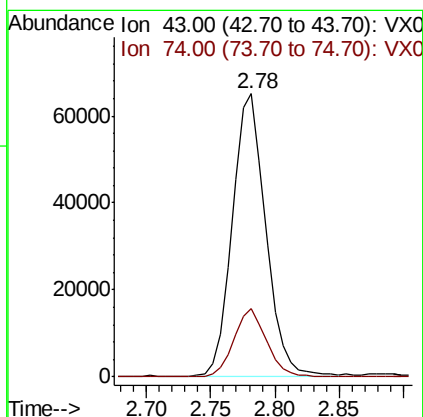
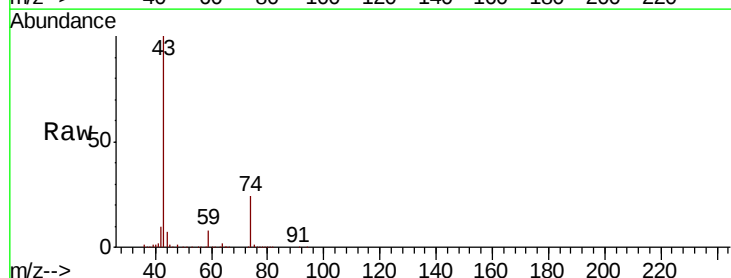
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

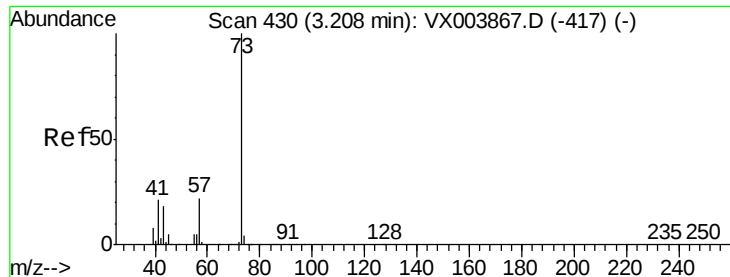
Tot Ion: 76 Resp: 187212
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#18
Methyl Acetate
Concen: 20.83 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 43 Resp: 116088
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3





#19

Methyl tert-butyl Ether

Concen: 20.44 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

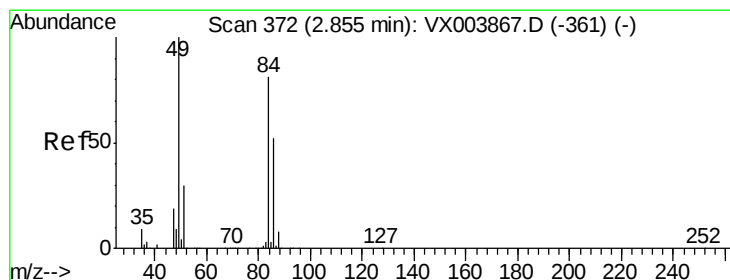
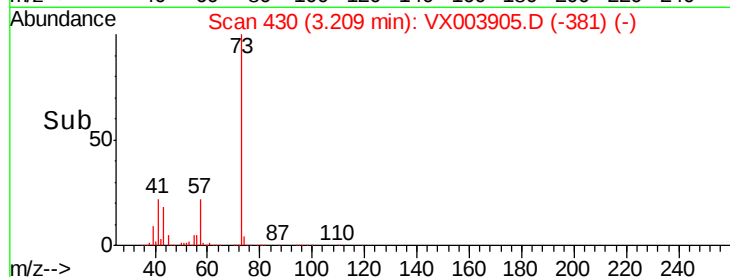
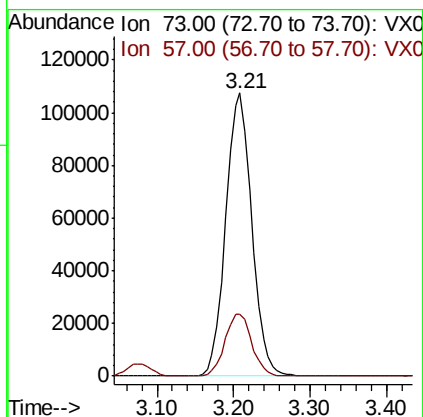
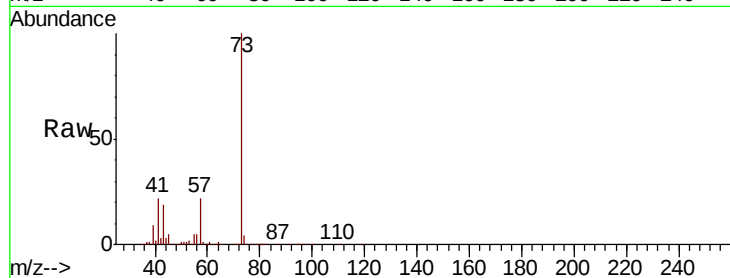
VX0807WBSD03

Tot Ion: 73 Resp: 252335

Ion Ratio Lower Upper

73 100

57 22.0 18.0 27.0



#20

Methylene Chloride

Concen: 19.89 ug/l

RT: 2.85 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion: 84 Resp: 84663

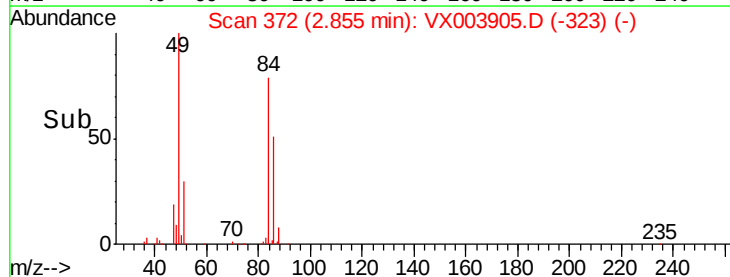
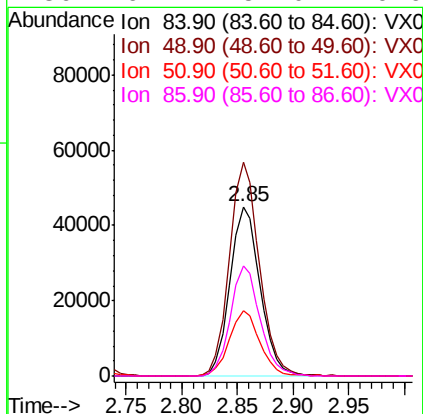
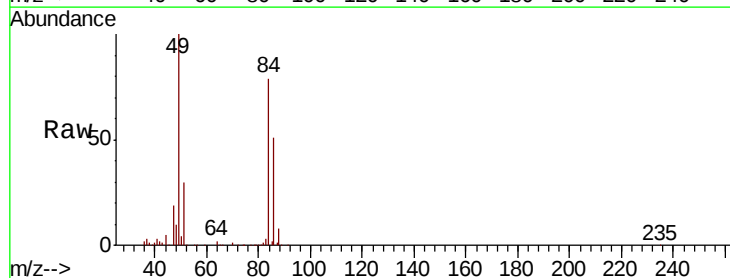
Ion Ratio Lower Upper

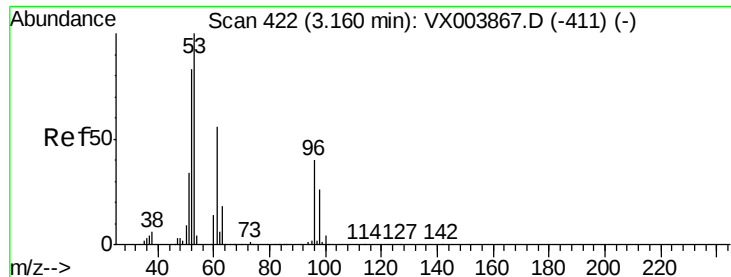
84 100

49 126.0 98.9 148.3

51 38.4 29.9 44.9

86 64.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.38 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

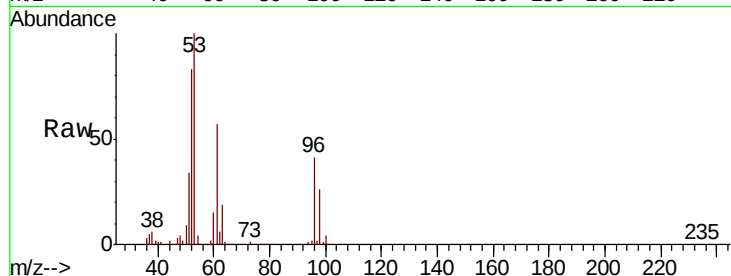
Tot Ion: 96 Resp: 76646

Ion Ratio Lower Upper

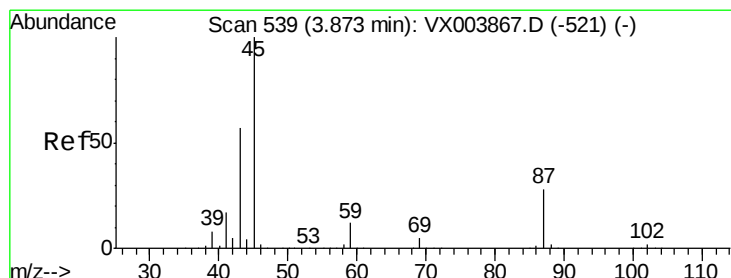
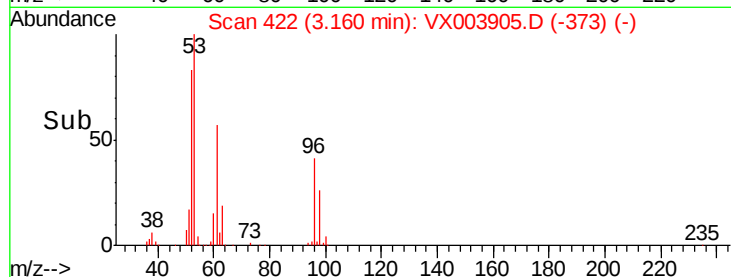
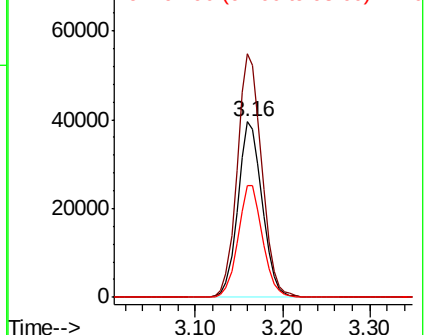
96 100

61 138.7 111.8 167.6

98 64.0 51.8 77.6



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



#22

Diisopropyl ether

Concen: 20.24 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion: 45 Resp: 249911

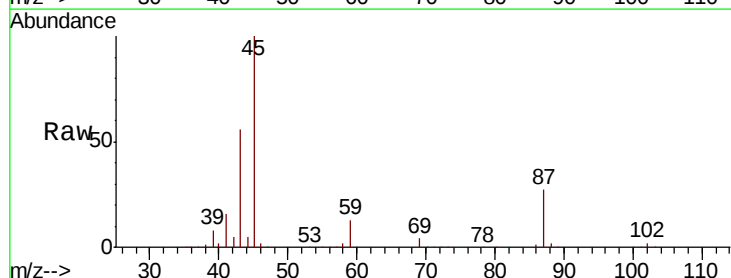
Ion Ratio Lower Upper

45 100

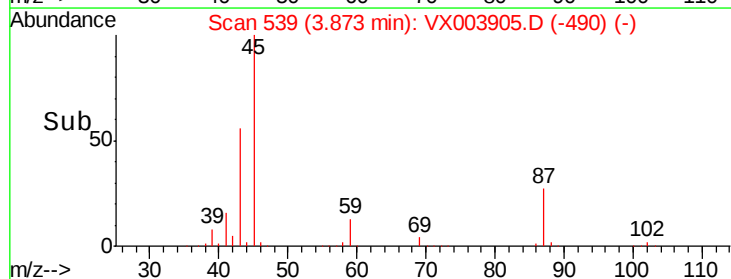
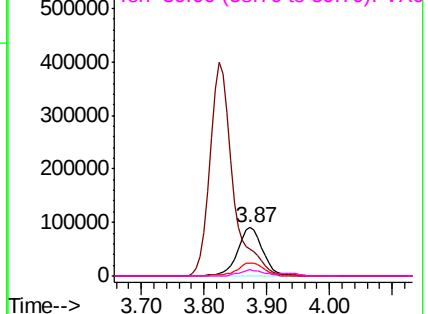
43 55.4 45.3 67.9

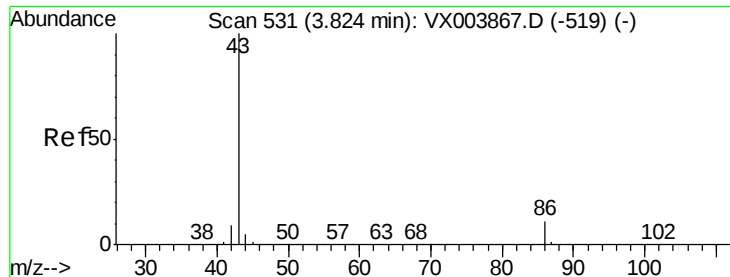
87 27.4 22.7 34.1

59 12.9 9.6 14.4



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





#23

Vinyl Acetate

Concen: 98.70 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

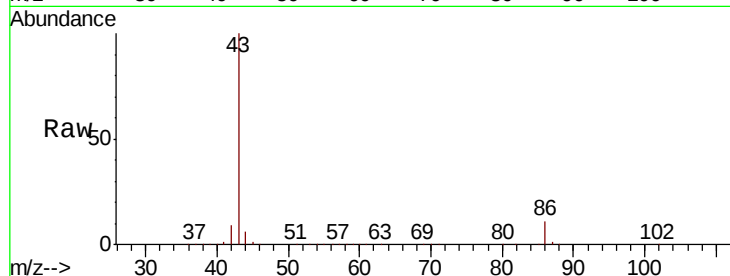
VX0807WBSD03

Tot Ion: 43 Resp: 1013845

Ion Ratio Lower Upper

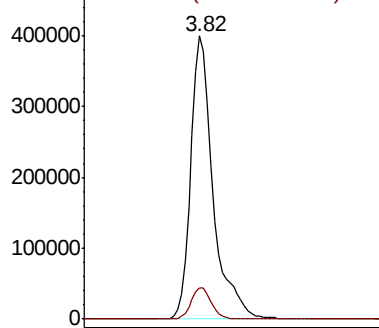
43 100

86 11.0 8.9 13.3

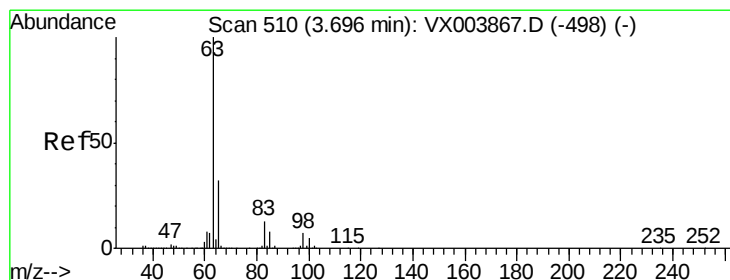
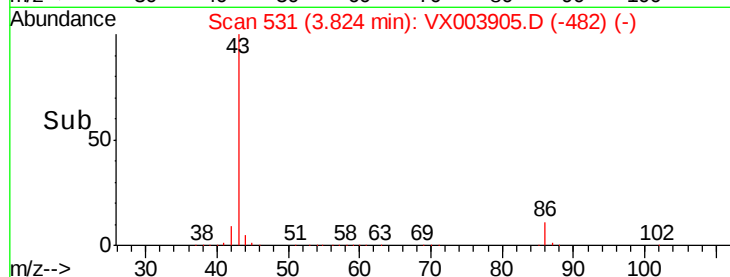


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 20.52 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

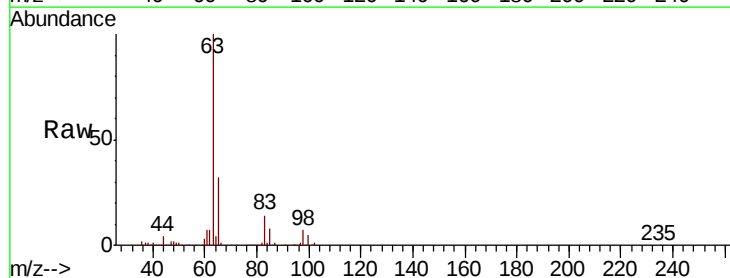
Tgt Ion: 63 Resp: 150495

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

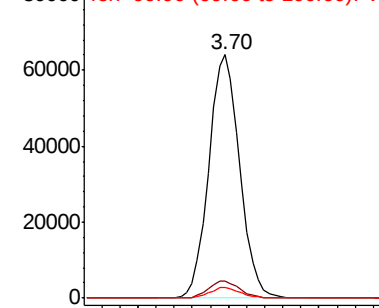
100 4.5 2.3 6.8



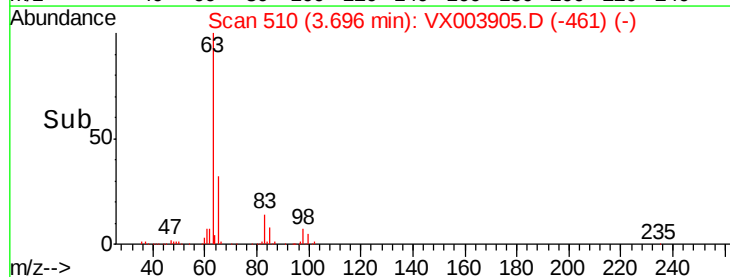
Abundance Ion 62.90 (62.60 to 63.60): VX0

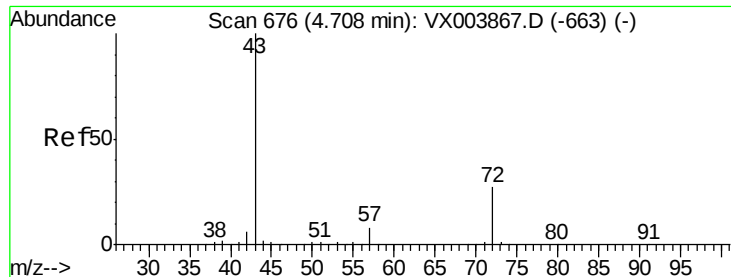
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 100.89 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

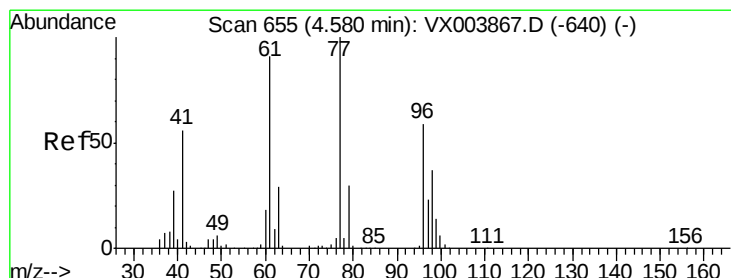
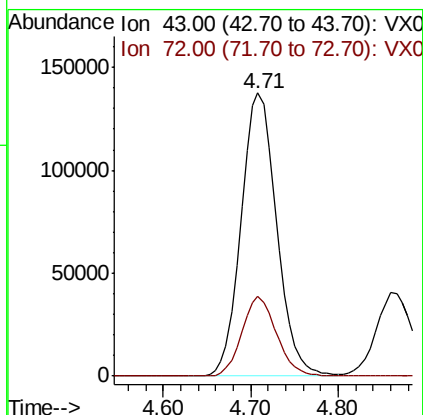
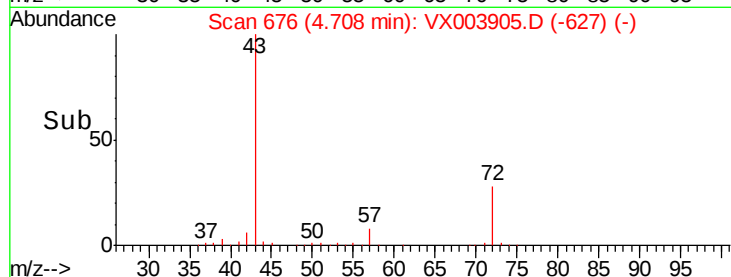
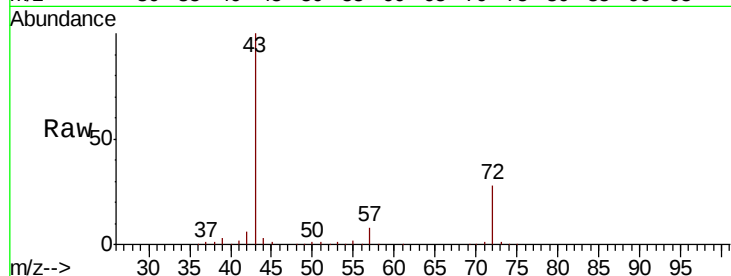
VX0807WBSD03

Tot Ion: 43 Resp: 388302

Ion Ratio Lower Upper

43 100

72 28.1 21.4 32.0



#26

2,2-Dichloropropane

Concen: 11.49 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003905.D

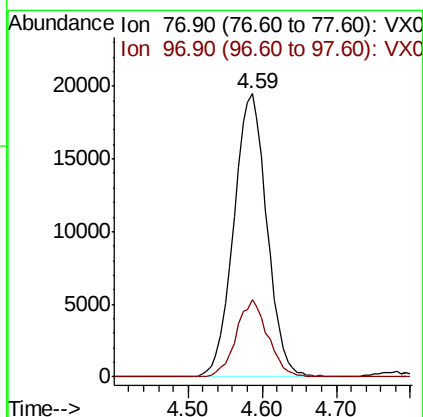
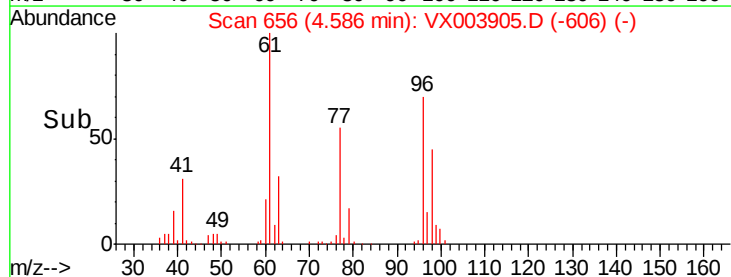
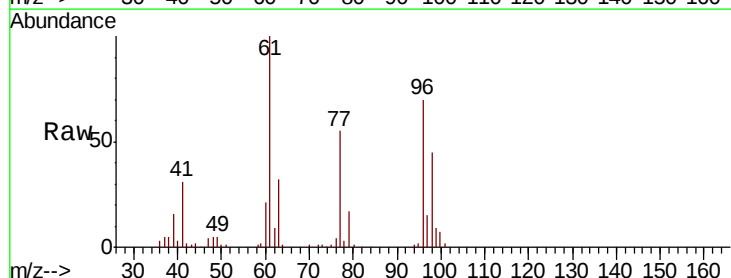
Acq: 08 Aug 2018 03:38

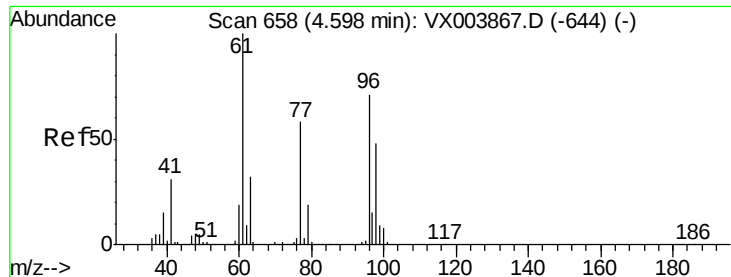
Tgt Ion: 77 Resp: 60761

Ion Ratio Lower Upper

77 100

97 25.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 20.00 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

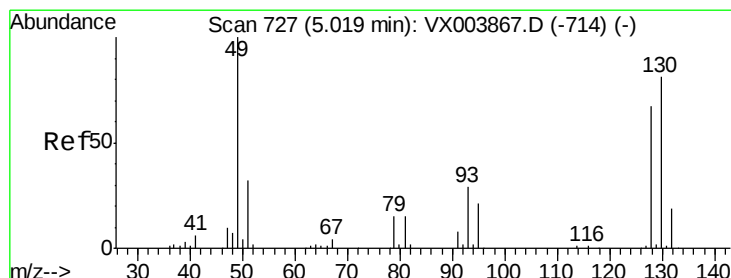
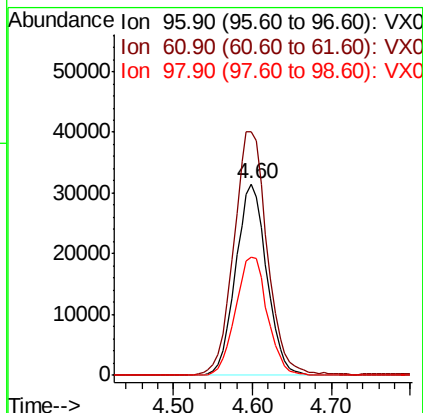
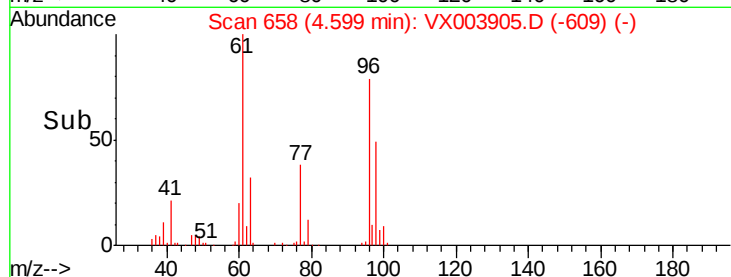
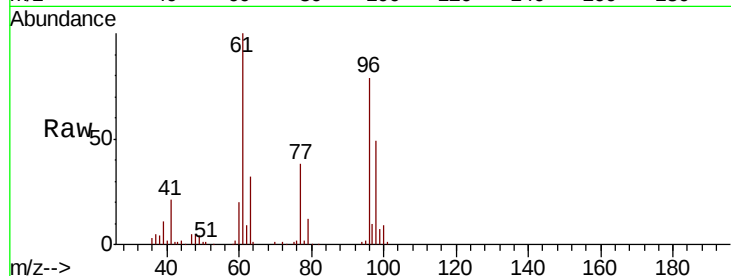
Tot Ion: 96 Resp: 85852

Ion Ratio Lower Upper

96 100

61 138.3 0.0 293.0

98 63.8 0.0 131.8



#28

Bromochloromethane

Concen: 20.15 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

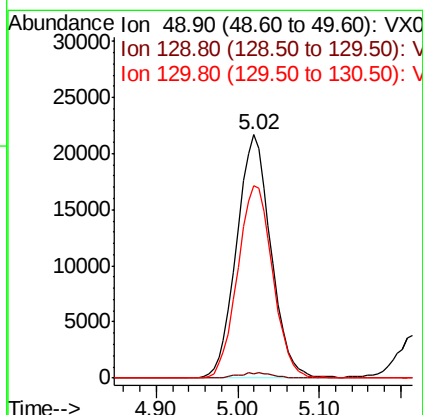
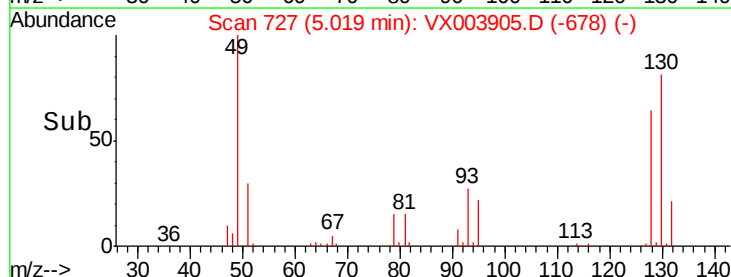
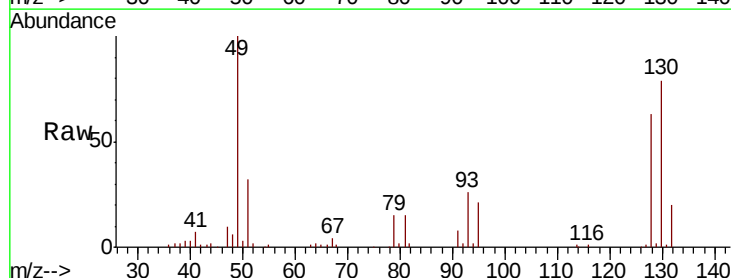
Tgt Ion: 49 Resp: 63230

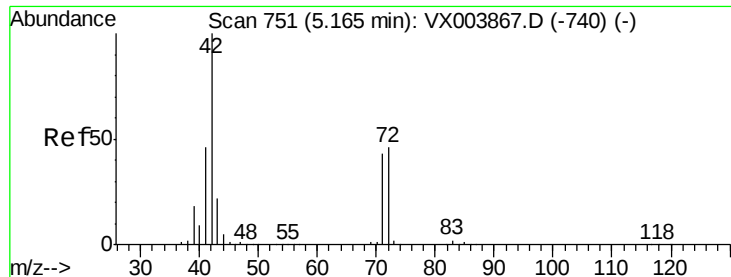
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

130 80.9 66.5 99.7





#29

Tetrahydrofuran

Concen: 100.73 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

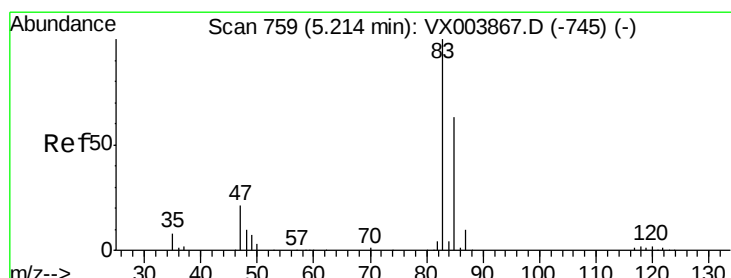
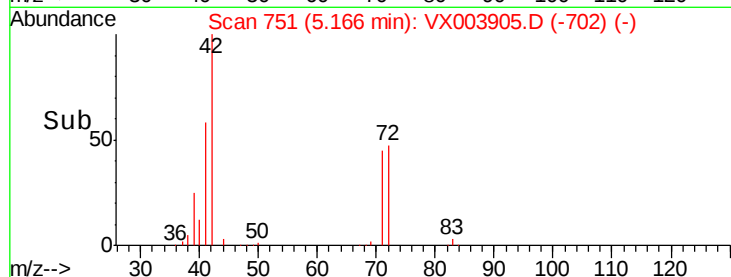
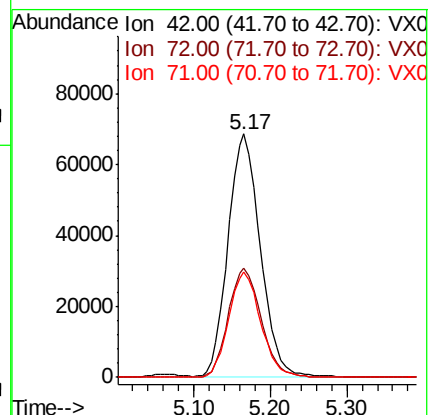
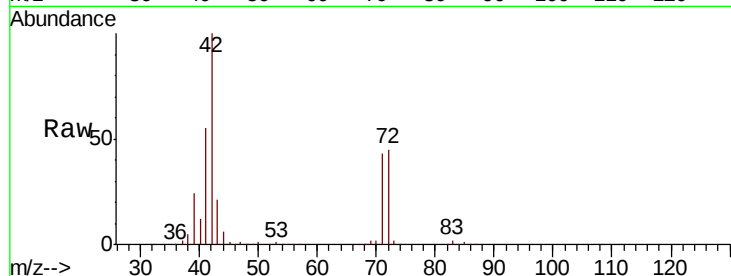
Tot Ion: 42 Resp: 199264

Ion Ratio Lower Upper

42 100

72 46.1 37.7 56.5

71 43.1 35.0 52.6



#30

Chloroform

Concen: 20.69 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX003905.D

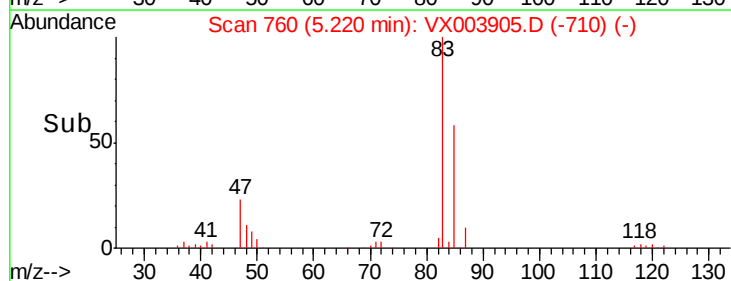
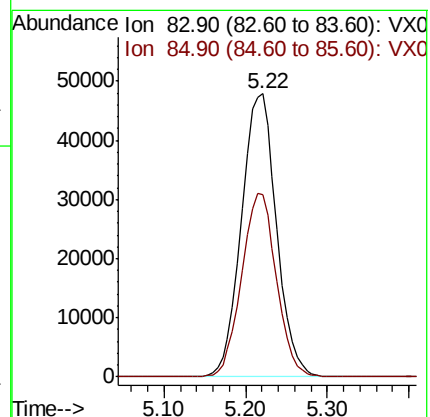
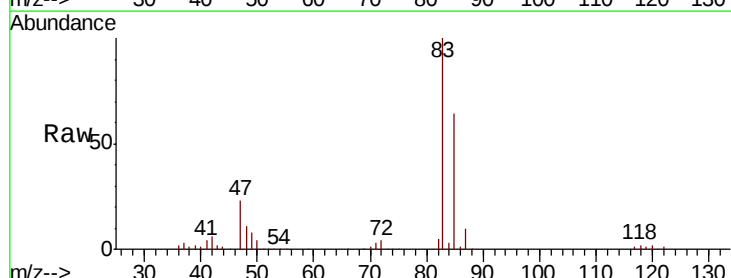
Acq: 08 Aug 2018 03:38

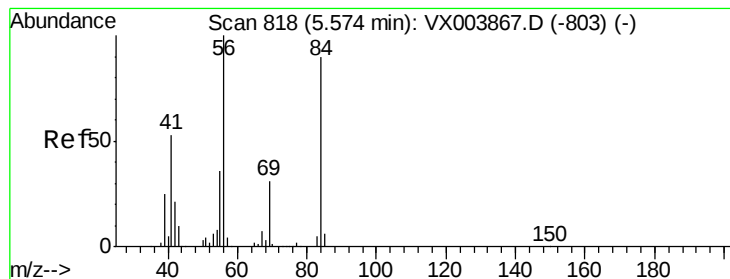
Tgt Ion: 83 Resp: 142861

Ion Ratio Lower Upper

83 100

85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 19.50 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

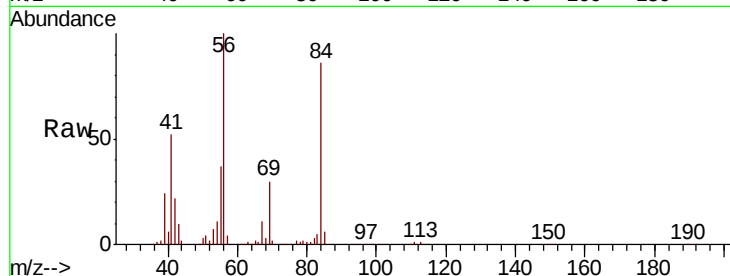
Tot Ion: 56 Resp: 120941

Ion Ratio Lower Upper

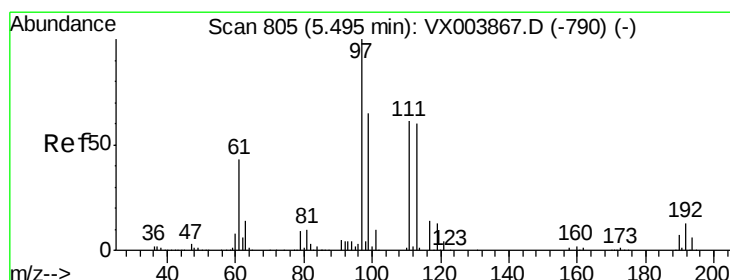
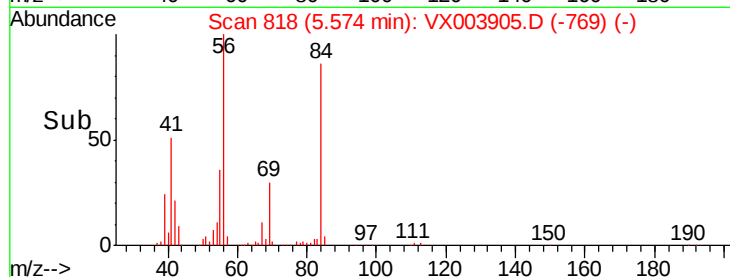
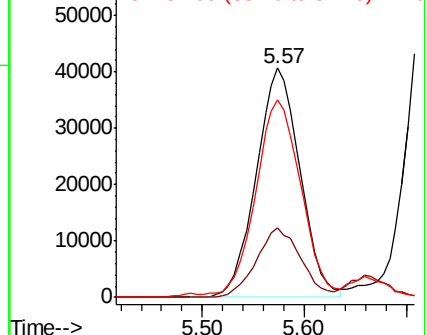
56 100

69 30.1 24.9 37.3

84 84.5 71.7 107.5



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



#32

1,1,1-Trichloroethane

Concen: 20.37 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

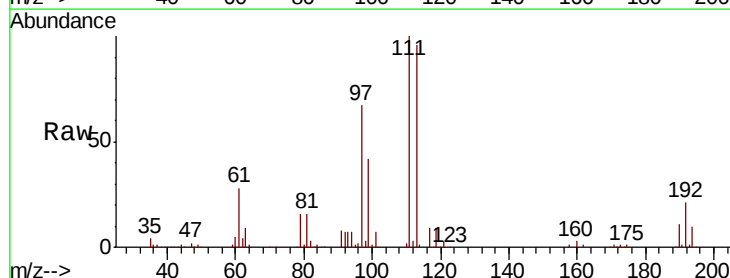
Tgt Ion: 97 Resp: 117954

Ion Ratio Lower Upper

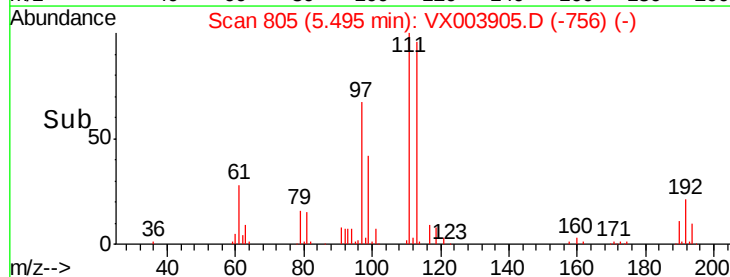
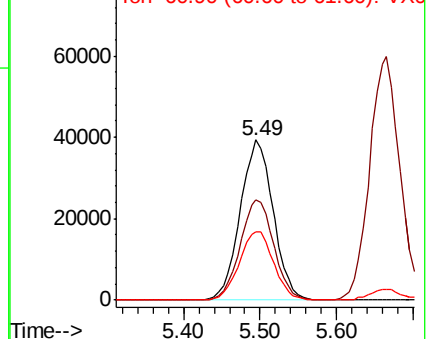
97 100

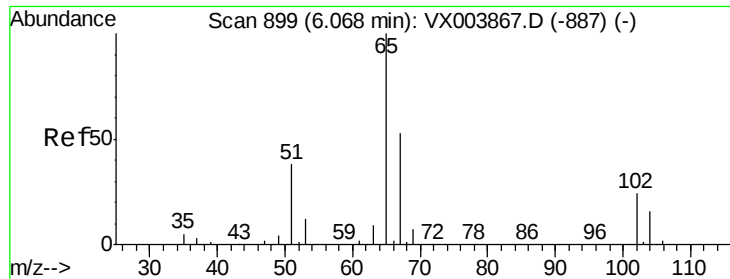
99 63.4 51.8 77.8

61 44.6 34.4 51.6



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

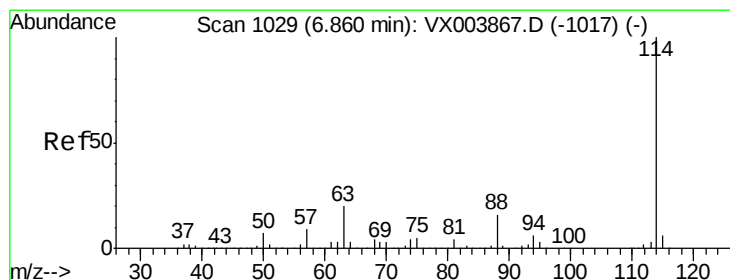
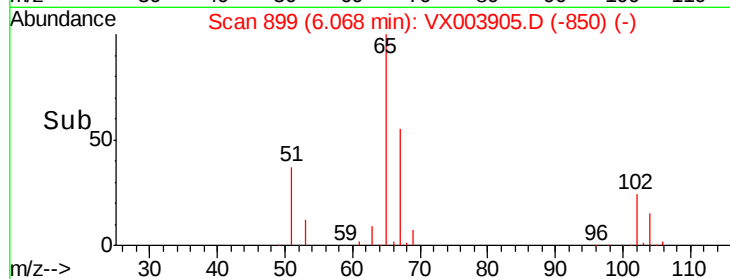
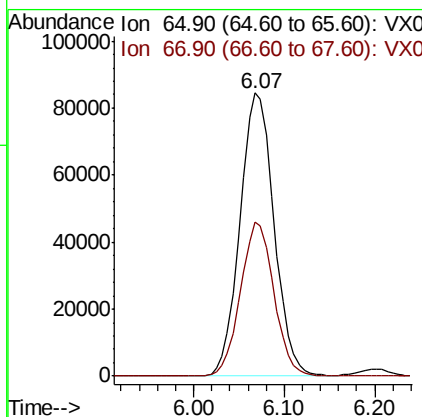
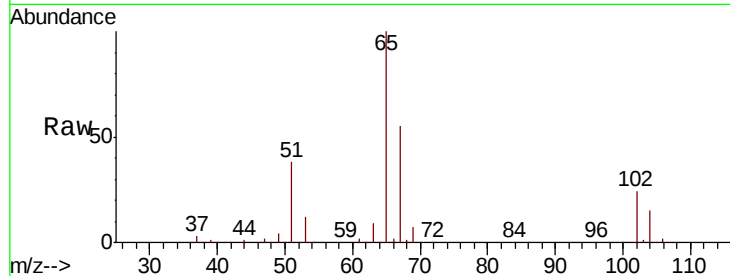




#33
 1,2-Dichloroethane-d4
 Concen: 51.09 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

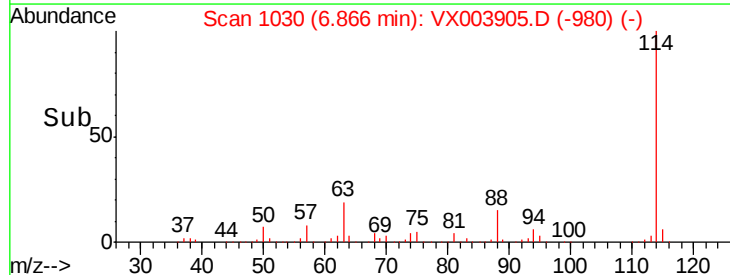
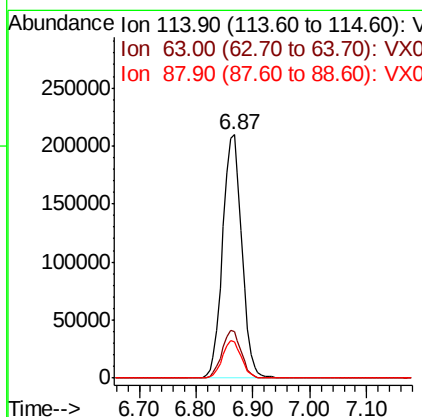
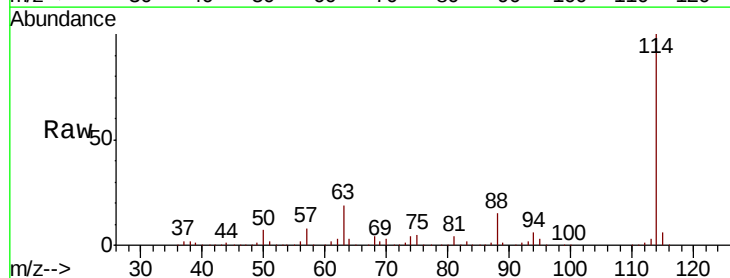
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

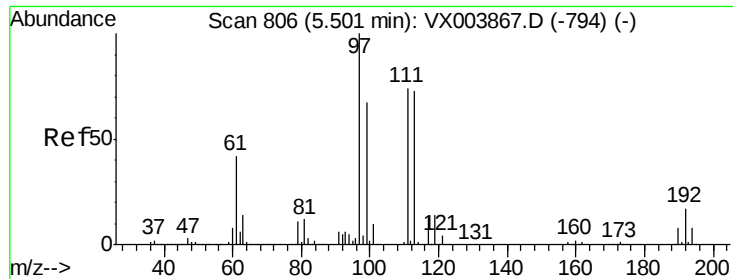
Tot Ion: 65 Resp: 219845
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 114 Resp: 491024
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.0 0.0 32.0

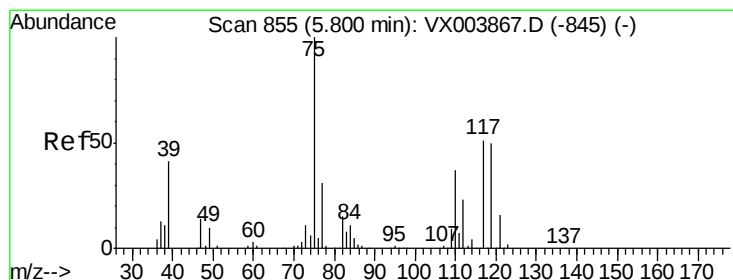
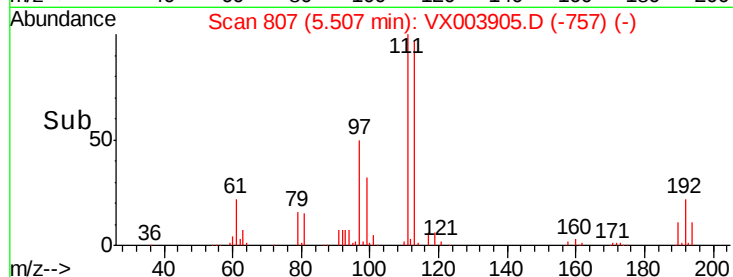
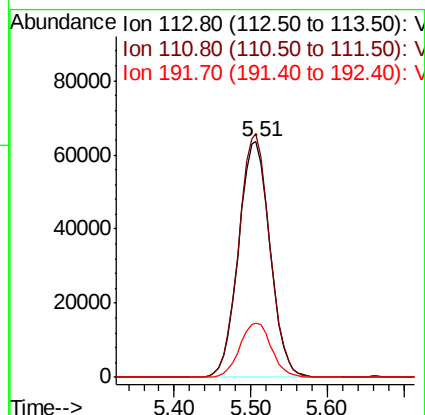
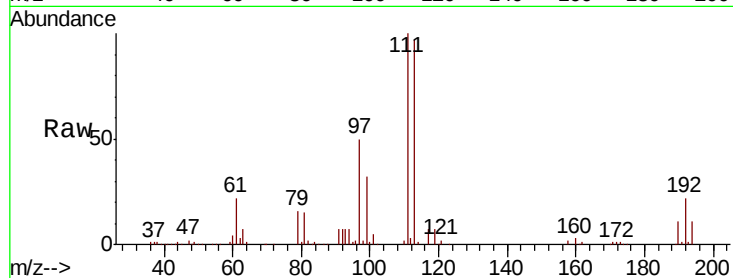




#35
 Dibromofluoromethane
 Concen: 48.81 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

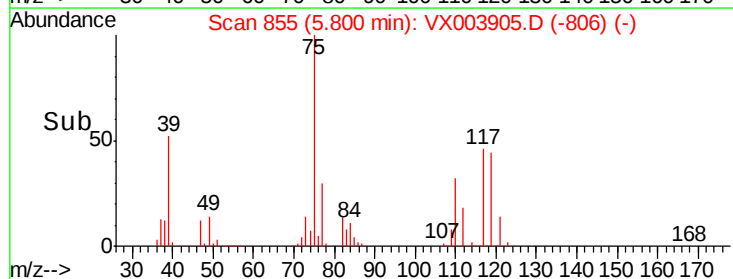
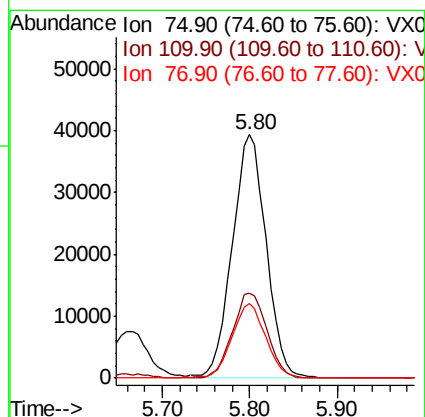
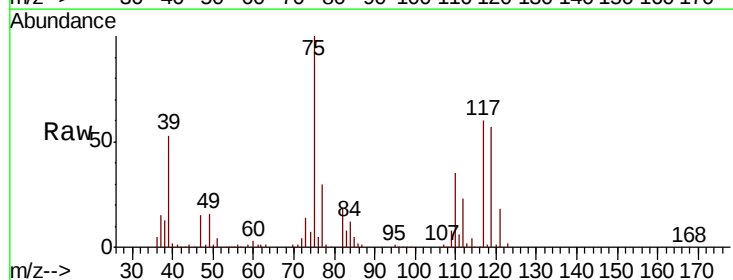
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

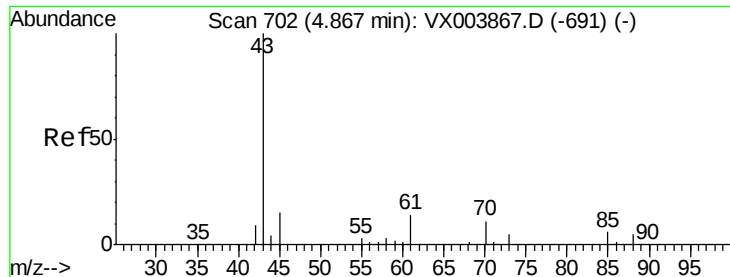
Tot Ion:113 Resp: 181586
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.0 123.0
 192 23.2 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.08 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 75 Resp: 104925
 Ion Ratio Lower Upper
 75 100
 110 36.1 18.2 54.6
 77 30.8 25.0 37.4

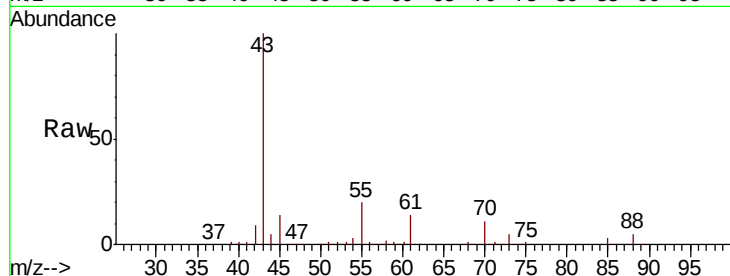




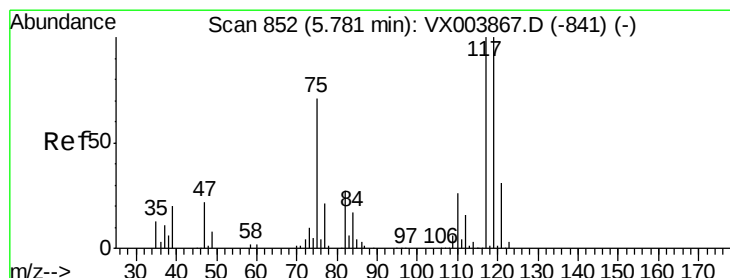
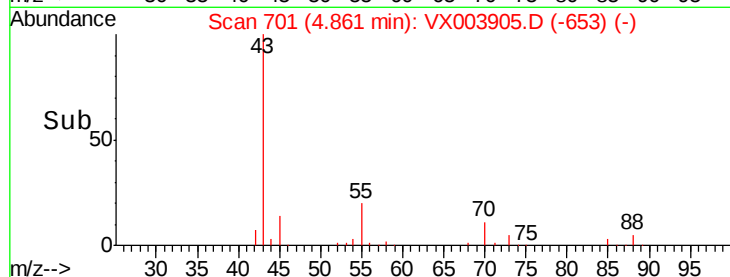
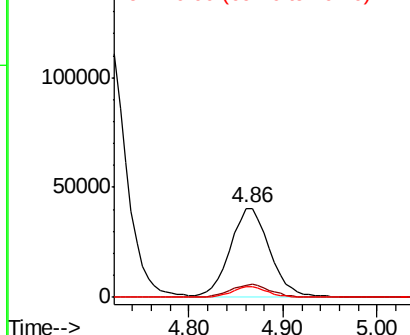
#37
Ethyl Acetate
Concen: 19.49 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD03

Tot Ion: 43 Resp: 117880
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.1 9.0 13.4

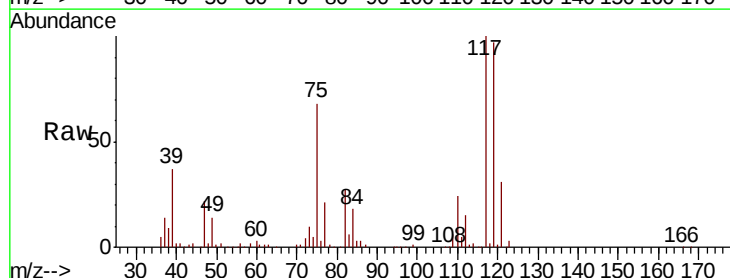


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

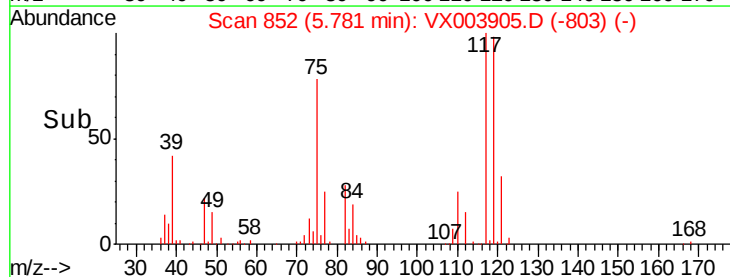
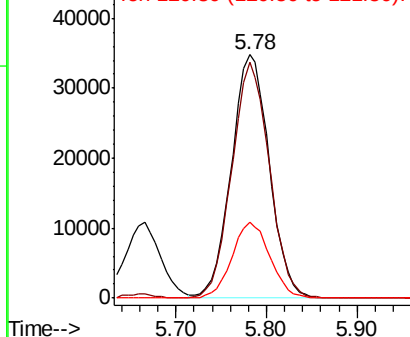


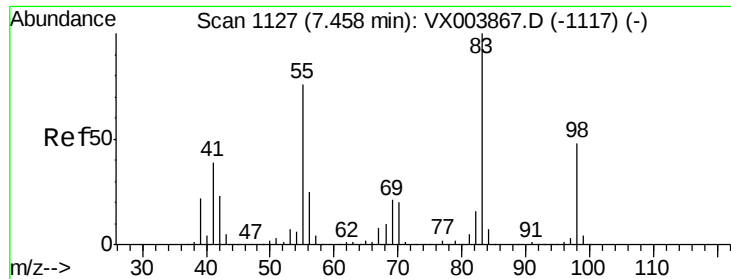
#38
Carbon Tetrachloride
Concen: 19.28 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 117 Resp: 100933
Ion Ratio Lower Upper
117 100
119 96.8 79.5 119.3
121 31.3 25.0 37.4



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

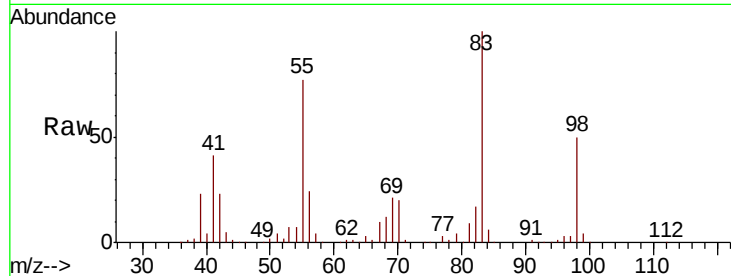




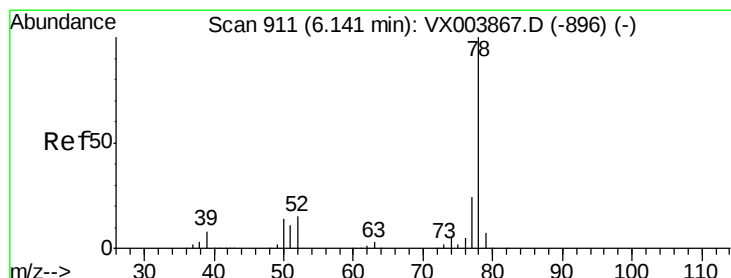
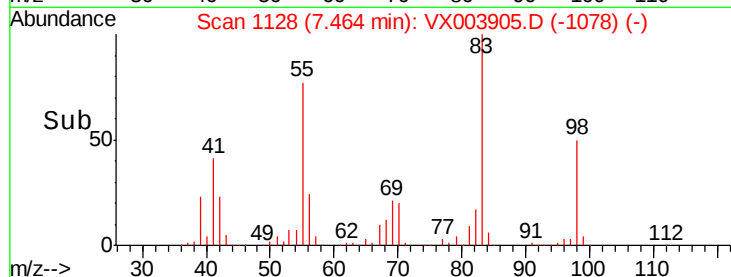
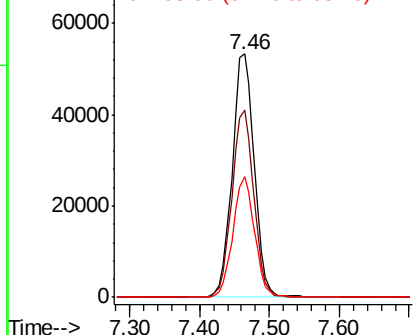
#39
Methvlcvclohexane
Concen: 18.03 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion: 83 Resp: 116909
Ion Ratio Lower Upper
83 100
55 76.7 61.0 91.6
98 49.6 38.6 57.8

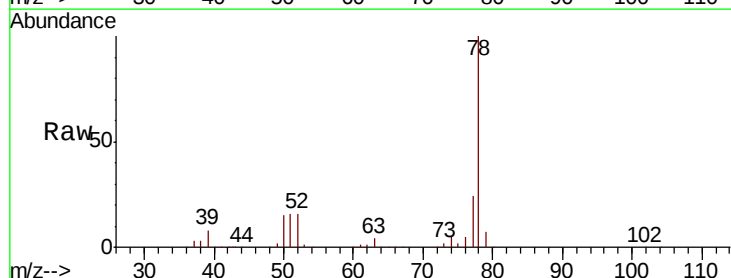


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

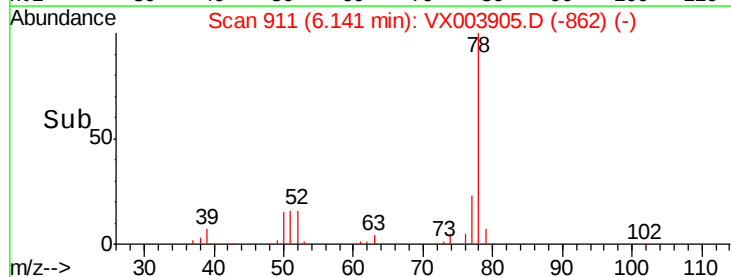
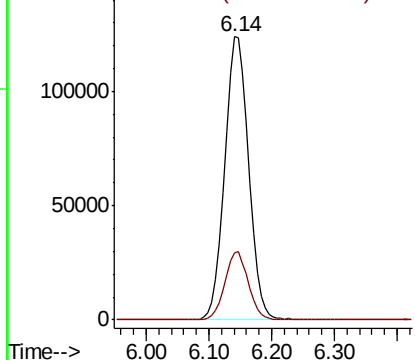


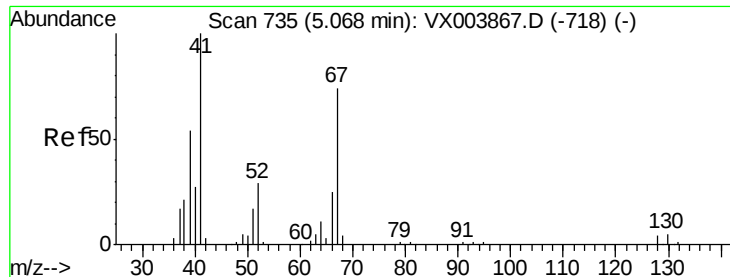
#40
Benzene
Concen: 19.86 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 78 Resp: 328037
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



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

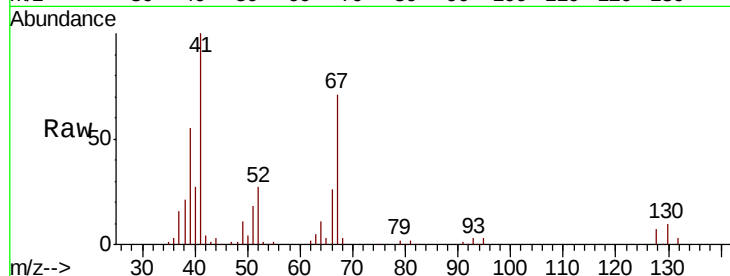




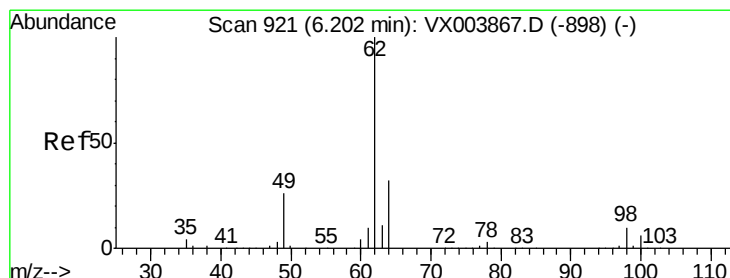
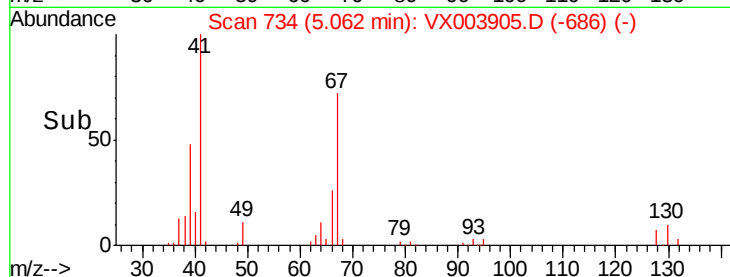
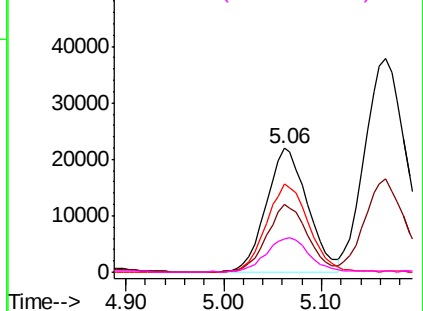
#41
Methacrylonitrile
Concen: 19.64 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion:	41	Resp:	65433
Ion	Ratio	Lower	Upper
41	100		
39	53.9	42.7	64.1
67	72.4	58.9	88.3
52	27.3	22.6	33.8

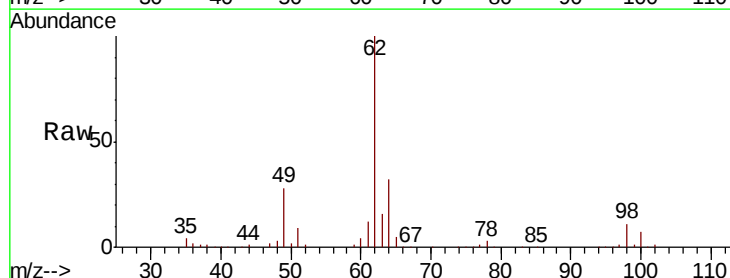


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

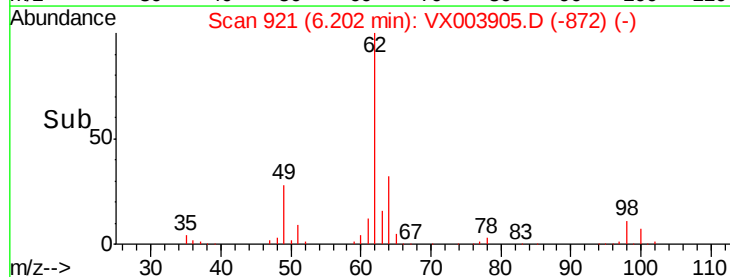
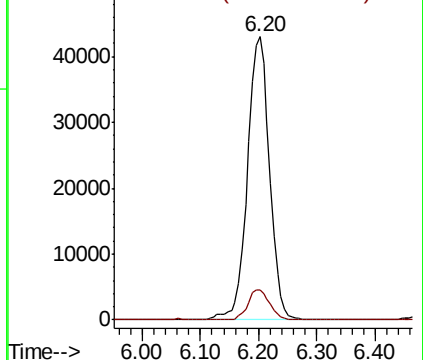


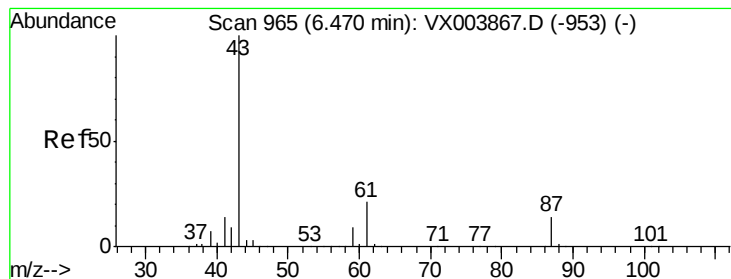
#42
1,2-Dichloroethane
Concen: 20.23 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:	62	Resp:	112973
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 19.30 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

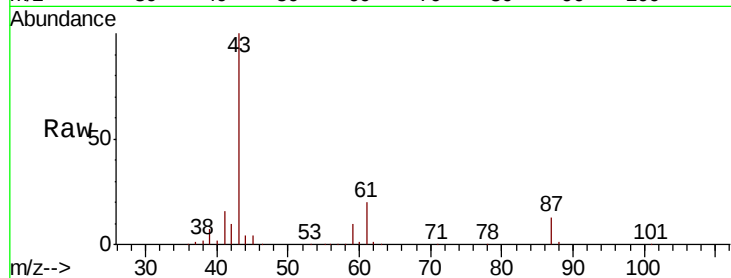
Tot Ion: 43 Resp: 175696

Ion Ratio Lower Upper

43 100

61 20.8 16.9 25.3

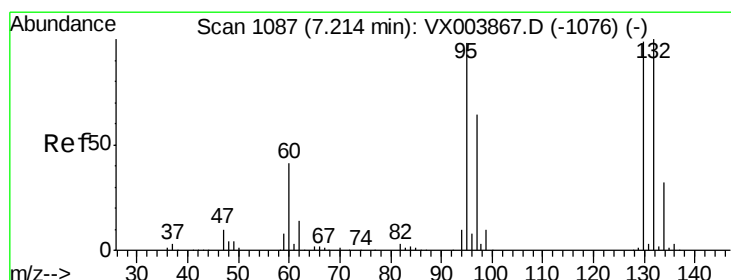
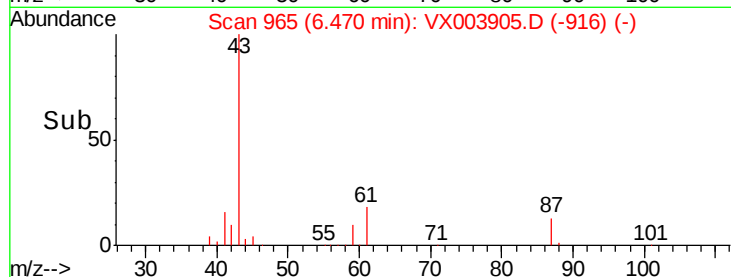
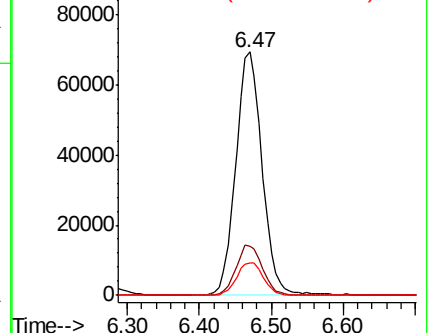
87 14.0 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 18.90 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003905.D

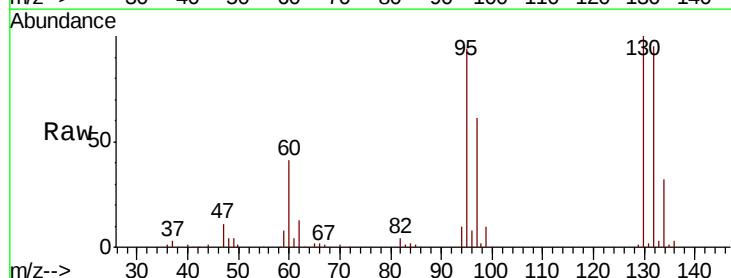
Acq: 08 Aug 2018 03:38

Tgt Ion:130 Resp: 85363

Ion Ratio Lower Upper

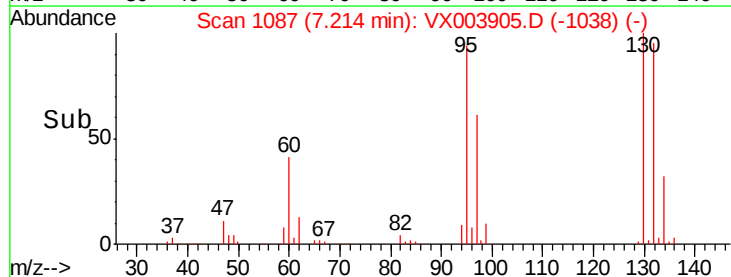
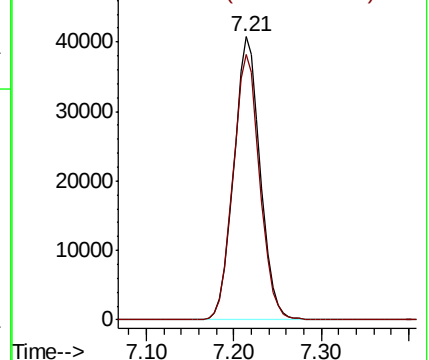
130 100

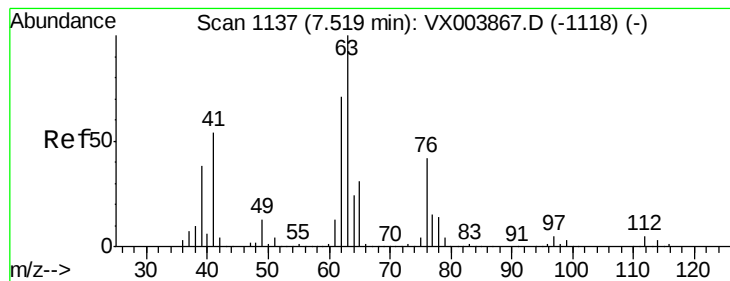
95 93.8 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.17 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

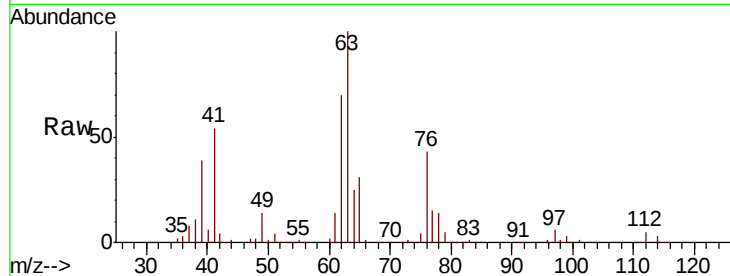
VX0807WBSD03

Tot Ion: 63 Resp: 81762

Ion Ratio Lower Upper

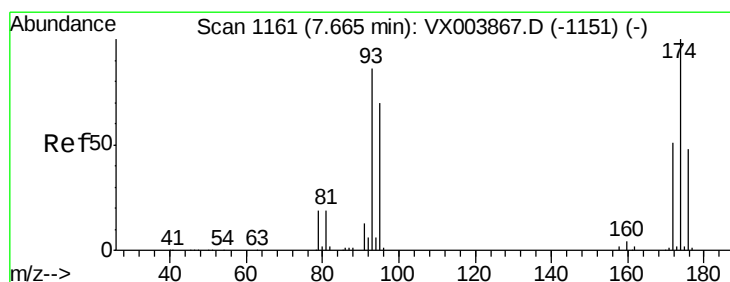
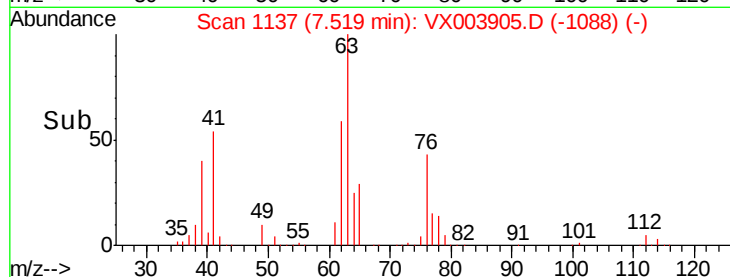
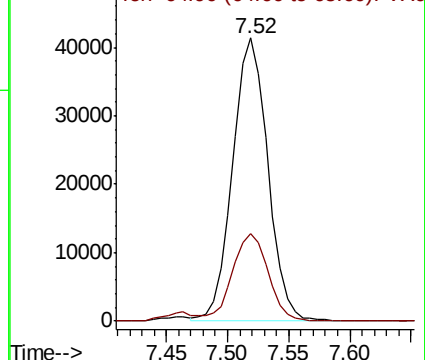
63 100

65 30.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.61 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

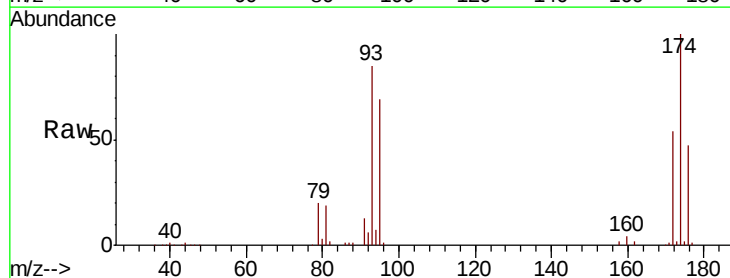
Tgt Ion: 93 Resp: 54291

Ion Ratio Lower Upper

93 100

95 83.0 66.4 99.6

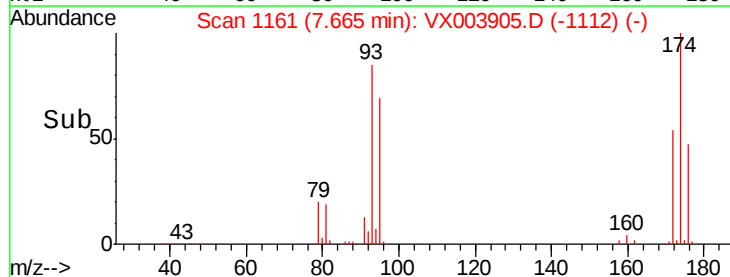
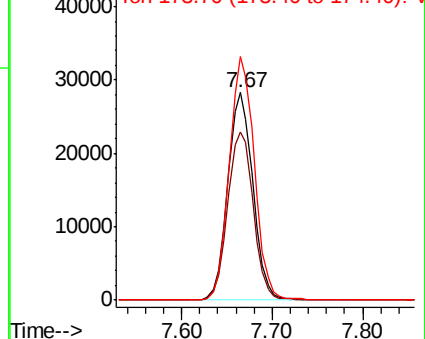
174 117.1 94.3 141.5

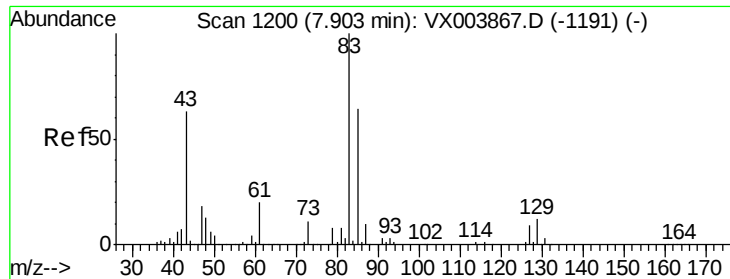


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.35 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

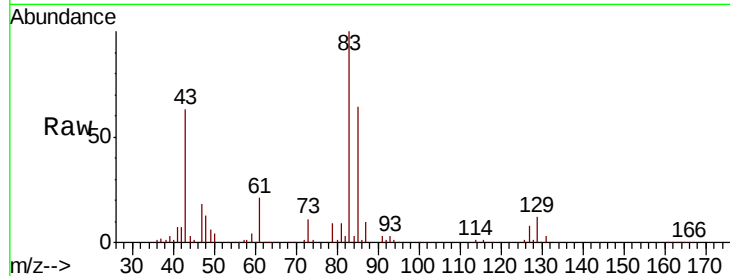
Tot Ion: 83 Resp: 100922

Ion Ratio Lower Upper

83 100

85 63.7 51.2 76.8

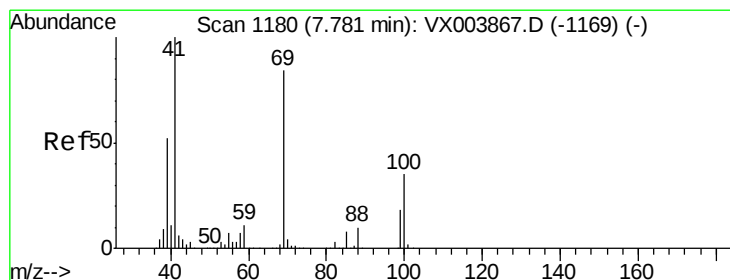
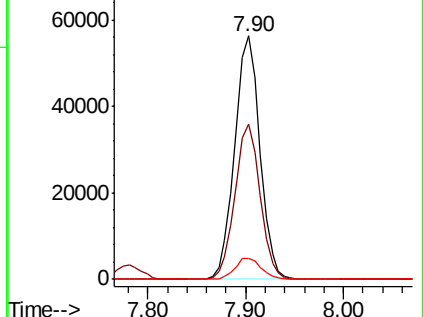
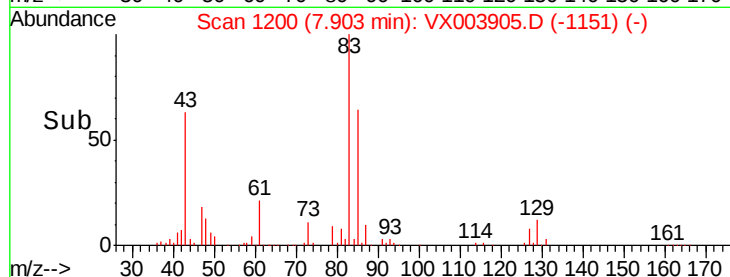
127 8.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.44 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

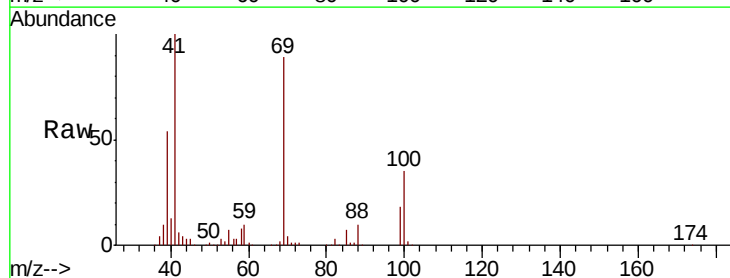
Tgt Ion: 41 Resp: 89945

Ion Ratio Lower Upper

41 100

69 87.5 68.8 103.2

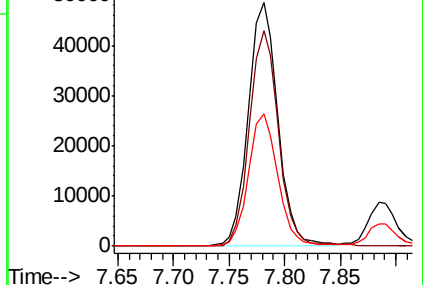
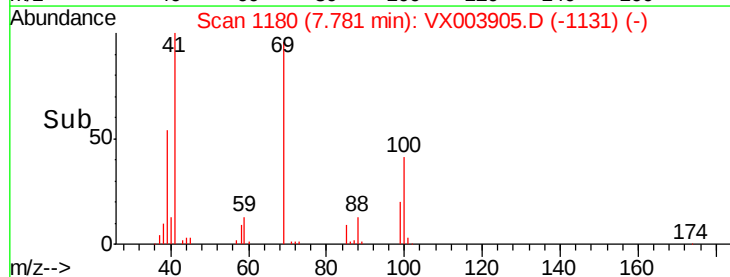
39 54.3 42.3 63.5

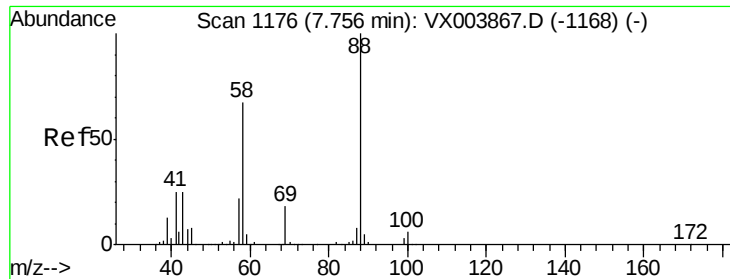


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

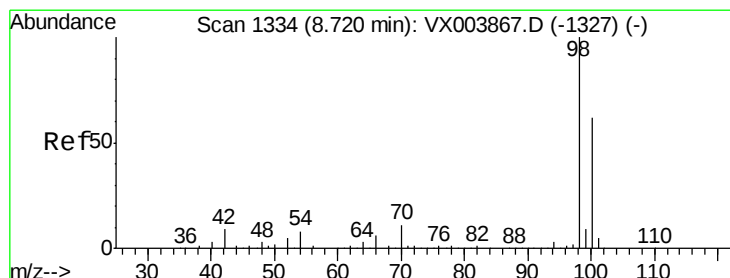
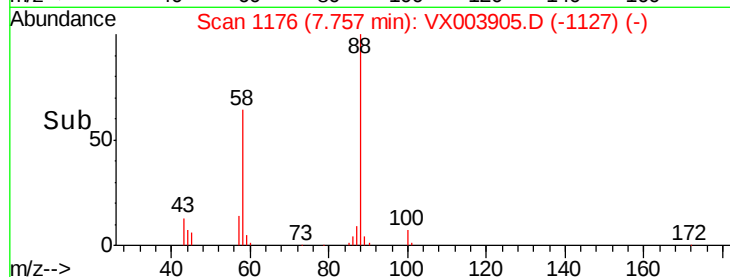
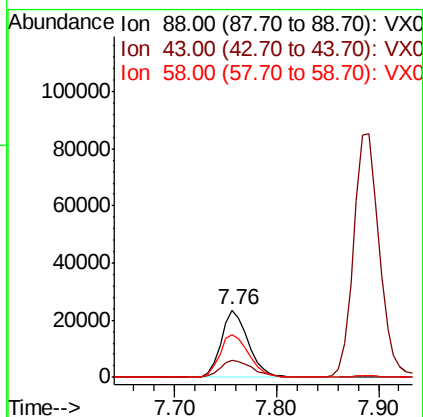
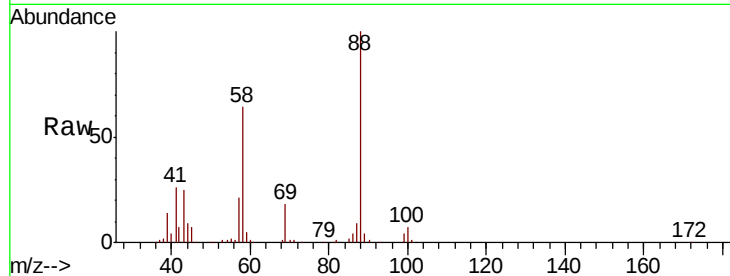




#49
1,4-Dioxane
Concen: 397.74 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

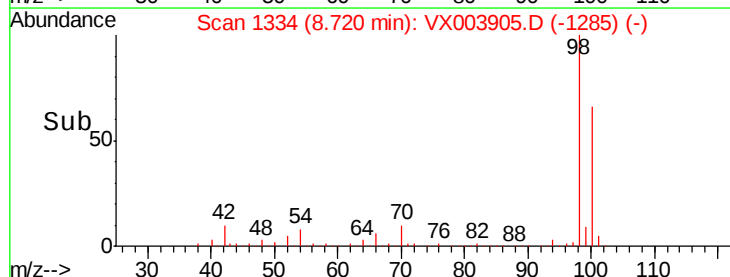
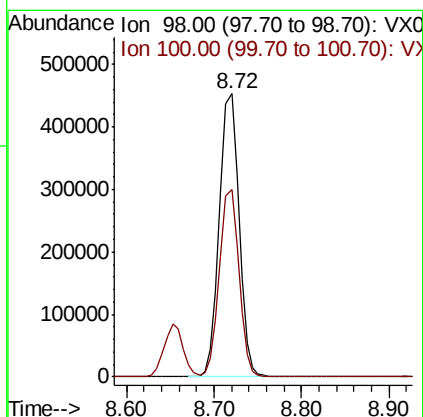
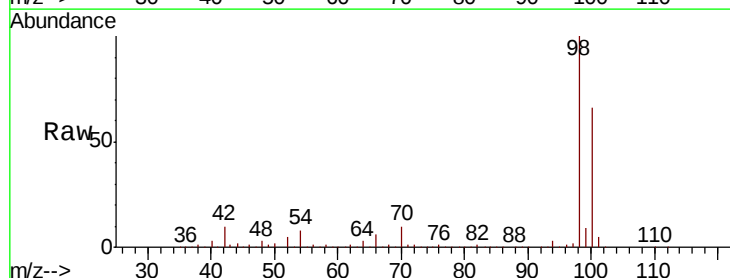
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

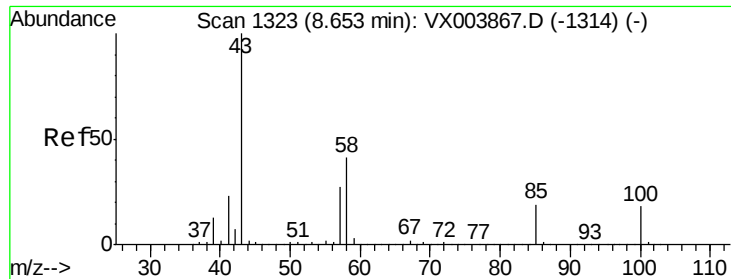
Tot Ion: 88 Resp: 43359
Ion Ratio Lower Upper
88 100
43 29.5 23.8 35.8
58 69.1 55.4 83.0



#50
Toluene-d8
Concen: 49.06 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 98 Resp: 709638
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 101.34 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

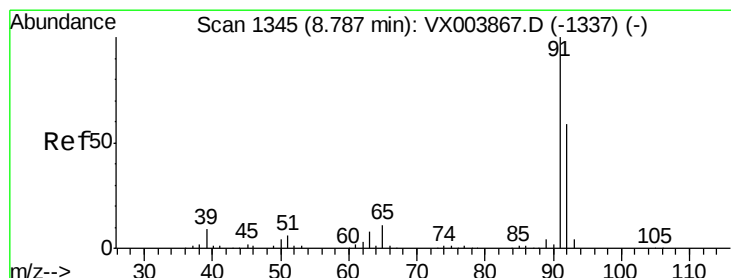
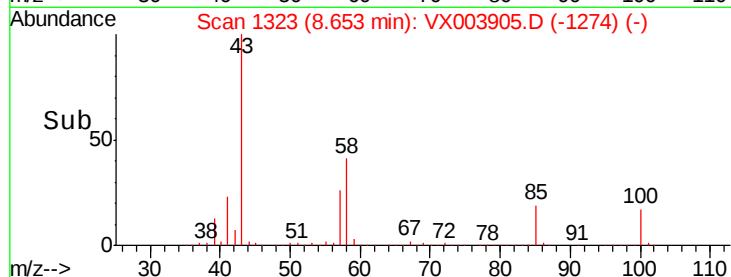
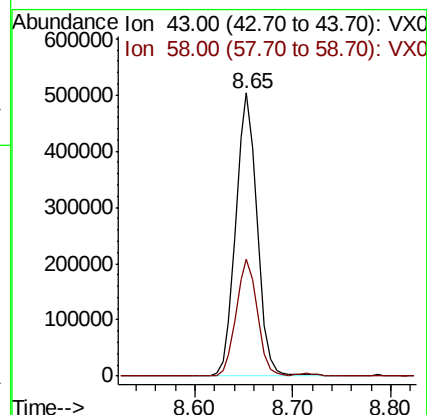
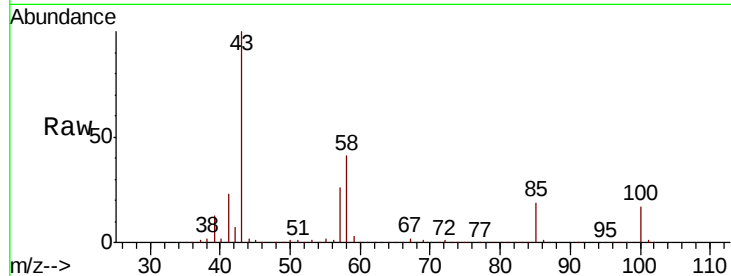
VX0807WBSD03

Tot Ion: 43 Resp: 764698

Ion Ratio Lower Upper

43 100

58 41.0 33.0 49.6



#52

Toluene

Concen: 19.84 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003905.D

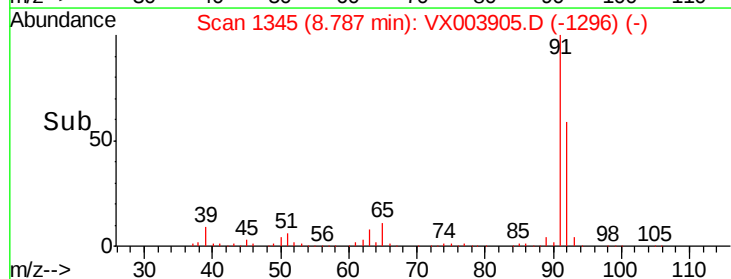
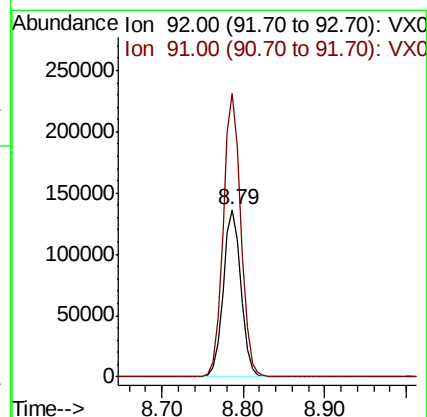
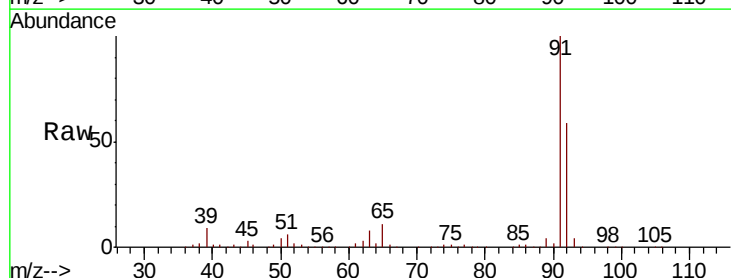
Acq: 08 Aug 2018 03:38

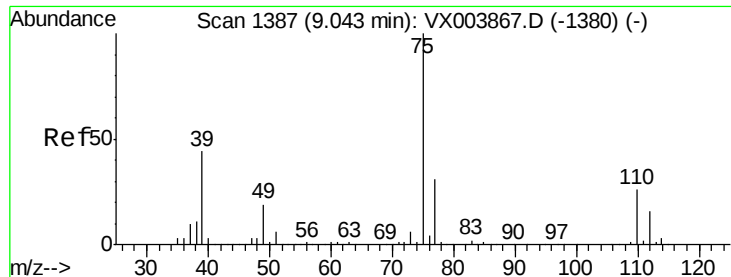
Tgt Ion: 92 Resp: 207067

Ion Ratio Lower Upper

92 100

91 169.2 136.1 204.1

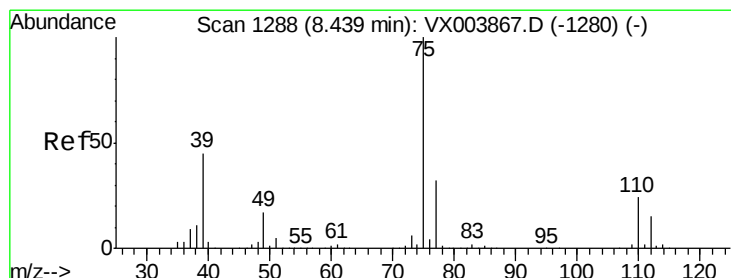
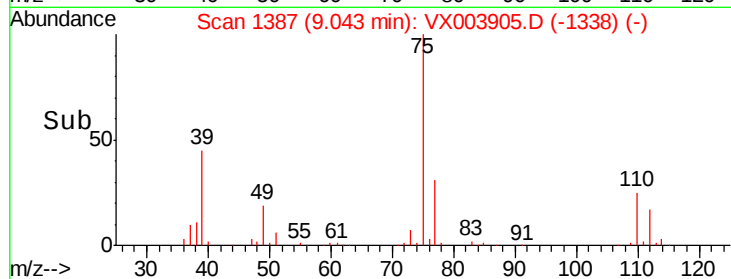
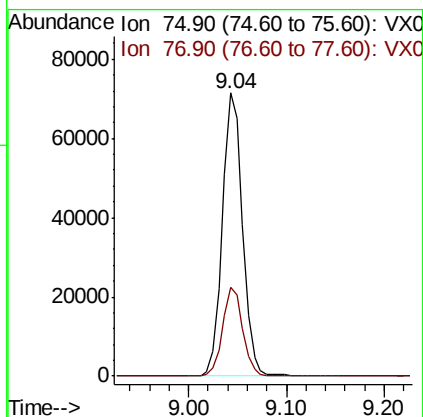
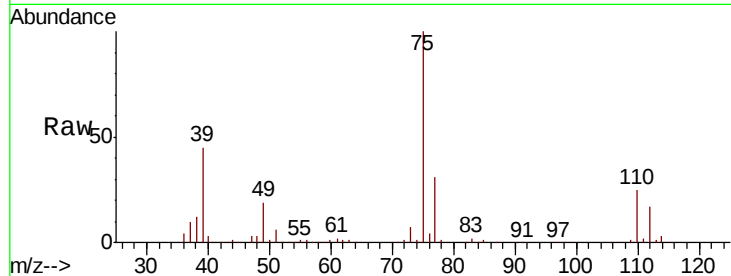




#53
 t-1,3-Dichloropropene
 Concen: 17.32 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

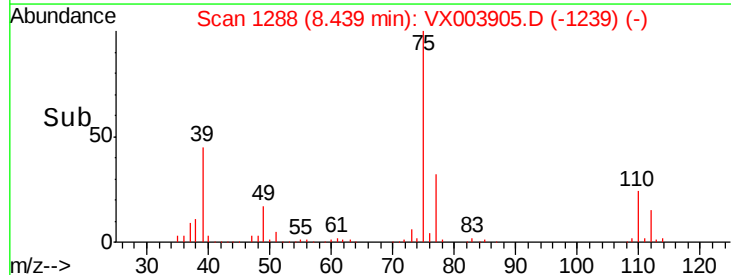
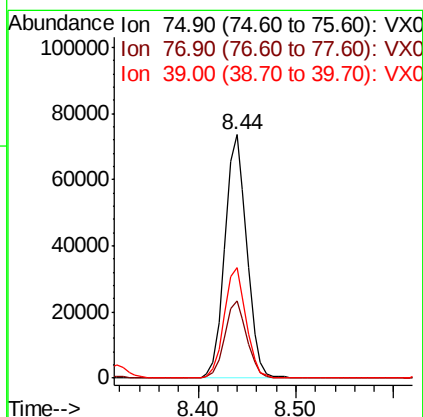
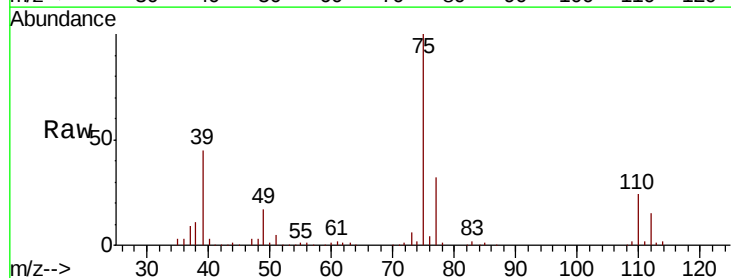
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

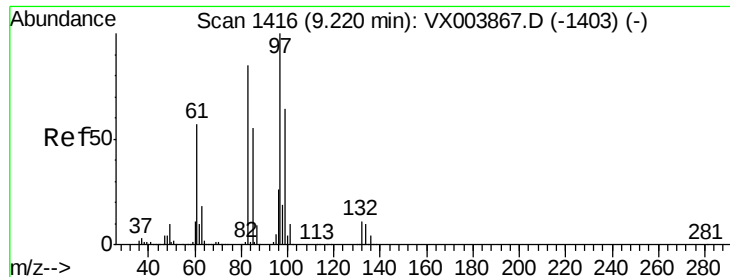
Tot Ion: 75 Resp: 102090
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 18.04 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 75 Resp: 114695
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 45.3 36.2 54.2

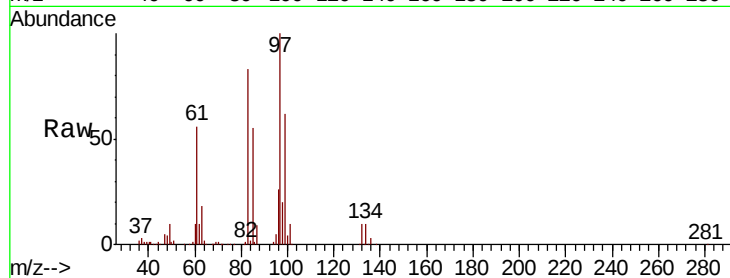




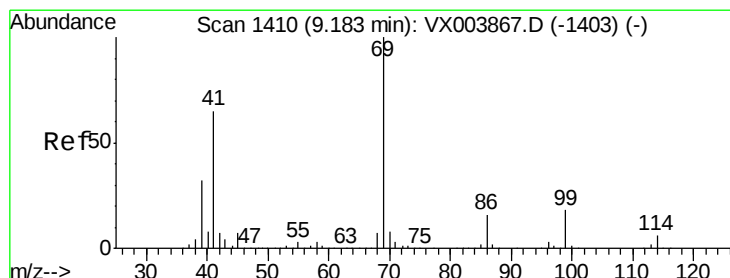
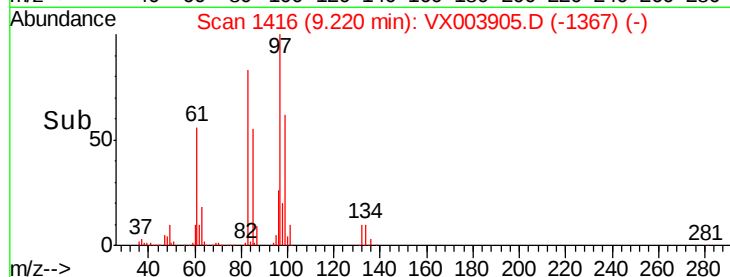
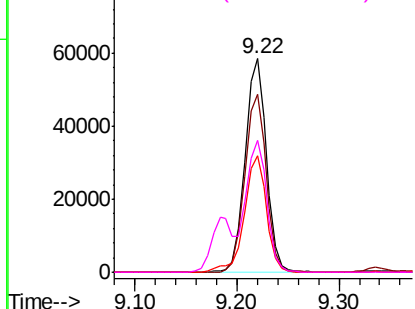
#55
 1,1,2-Trichloroethane
 Concen: 19.84 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Tot Ion: 97 Resp: 84583
 Ion Ratio Lower Upper
 97 100
 83 83.2 67.8 101.6
 85 54.6 44.2 66.2
 99 61.8 50.8 76.2

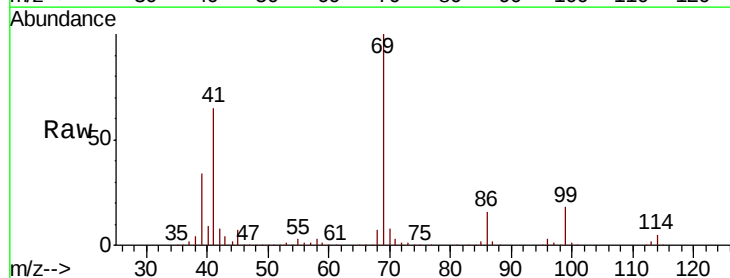


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

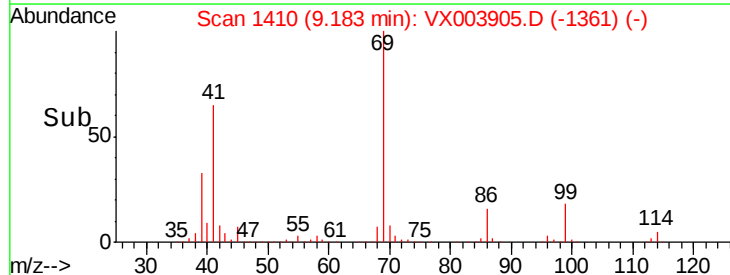
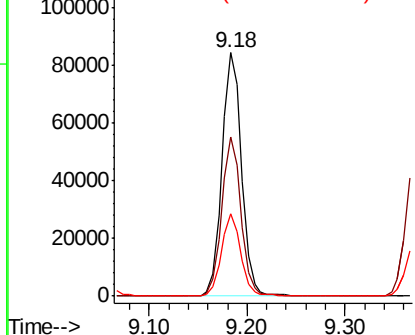


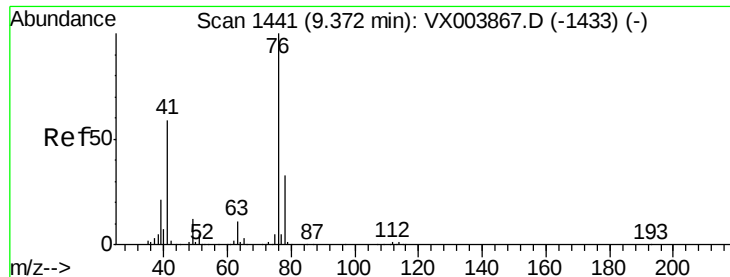
#56
 Ethyl methacrylate
 Concen: 19.02 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 69 Resp: 117638
 Ion Ratio Lower Upper
 69 100
 41 64.1 50.6 76.0
 39 32.9 25.8 38.6



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: 19.98 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

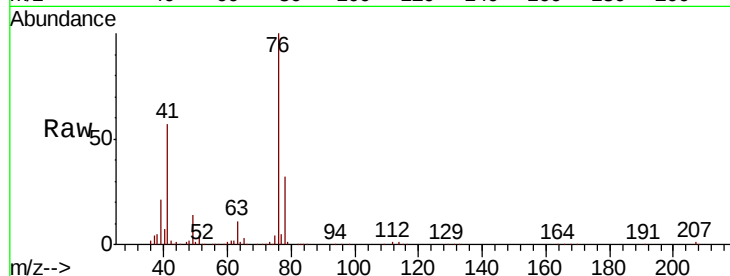
VX0807WBSD03

Tot Ion: 76 Resp: 142548

Ion Ratio Lower Upper

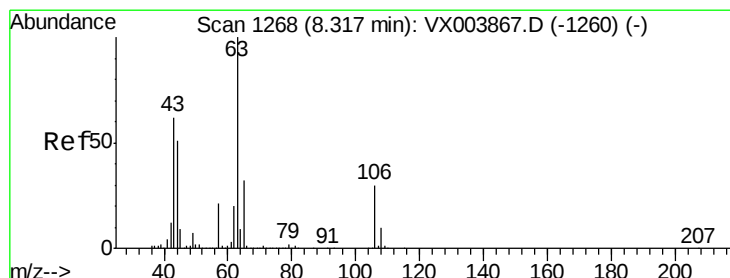
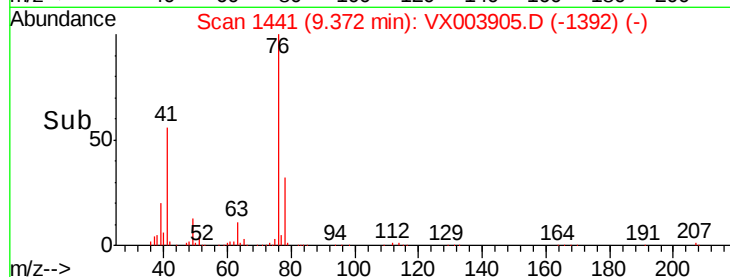
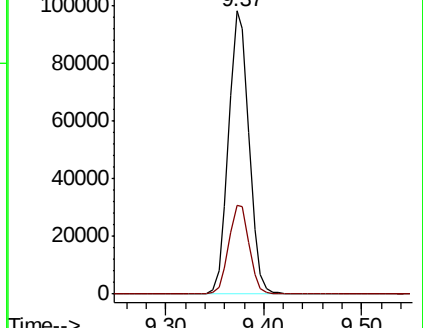
76 100

78 31.7 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 101.01 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003905.D

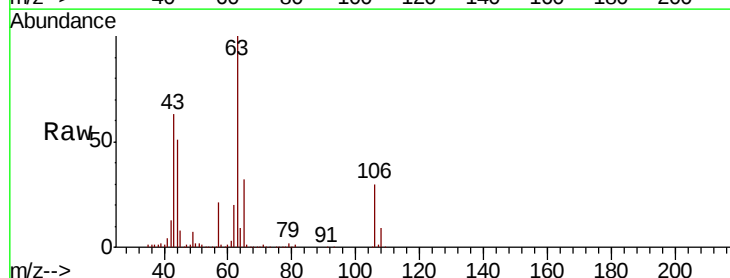
Acq: 08 Aug 2018 03:38

Tgt Ion: 63 Resp: 307270

Ion Ratio Lower Upper

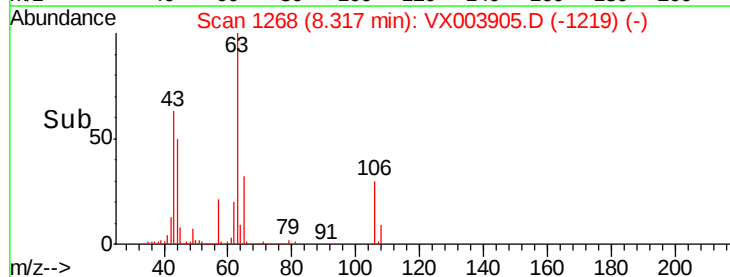
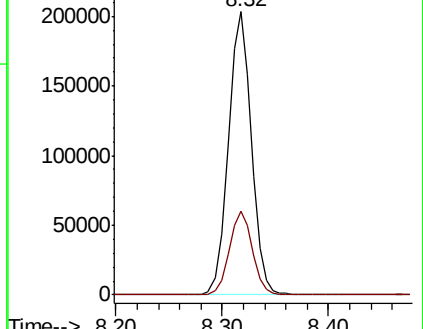
63 100

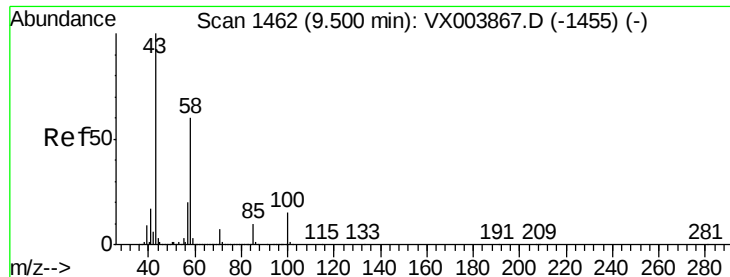
106 29.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 102.22 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

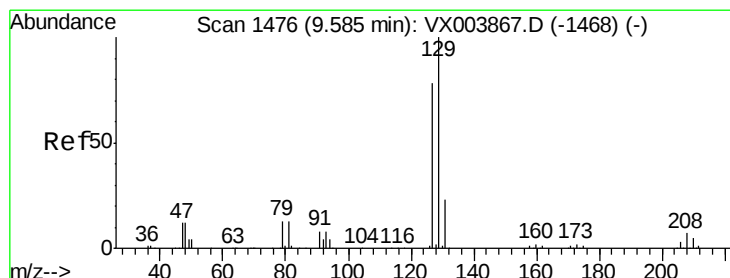
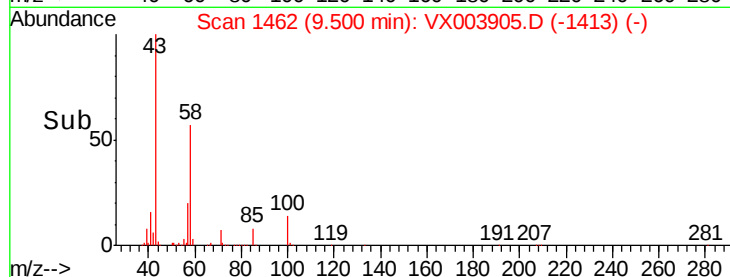
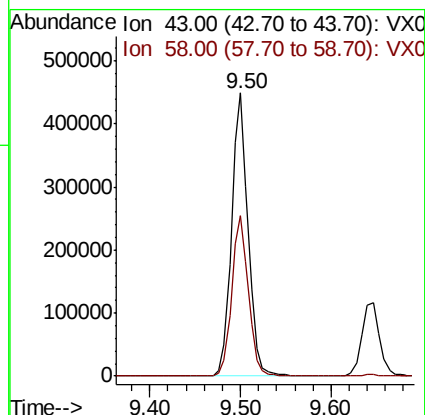
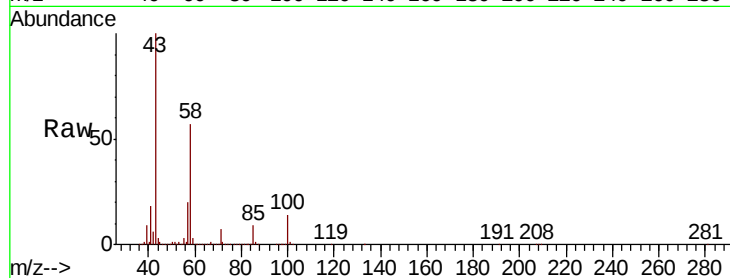
VX0807WBSD03

Tot Ion: 43 Resp: 576583

Ion Ratio Lower Upper

43 100

58 57.2 29.0 87.0



#60

Dibromochloromethane

Concen: 19.92 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003905.D

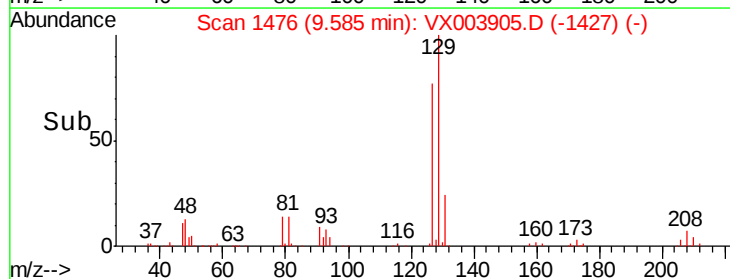
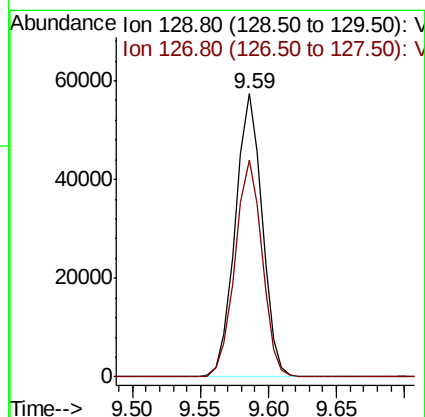
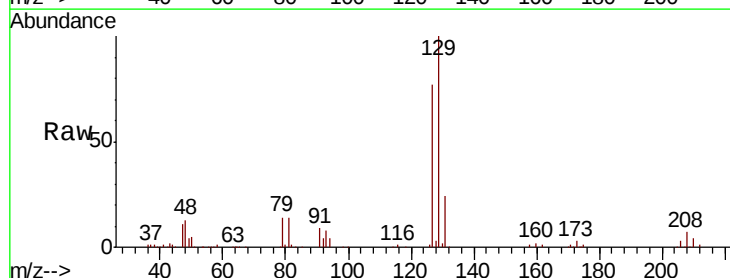
Acq: 08 Aug 2018 03:38

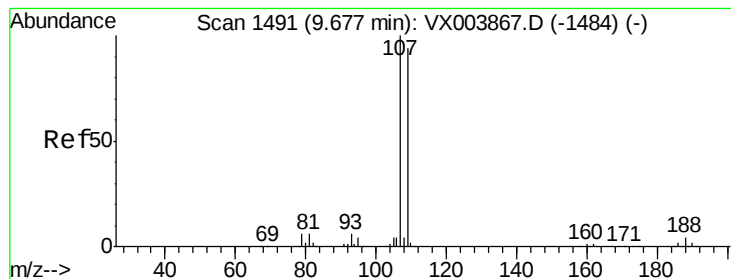
Tgt Ion: 129 Resp: 79179

Ion Ratio Lower Upper

129 100

127 77.0 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.28 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

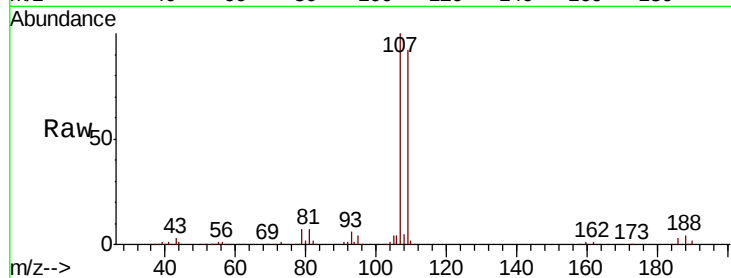
VX0807WBSD03

Tot Ion:107 Resp: 86581

Ion Ratio Lower Upper

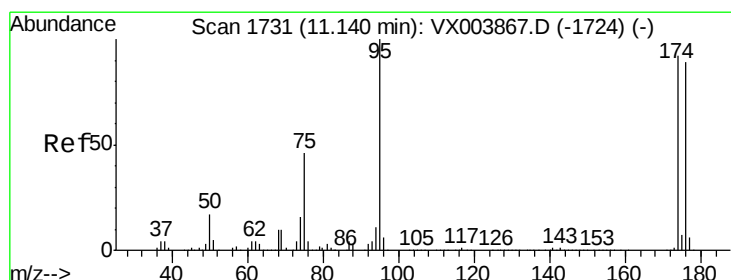
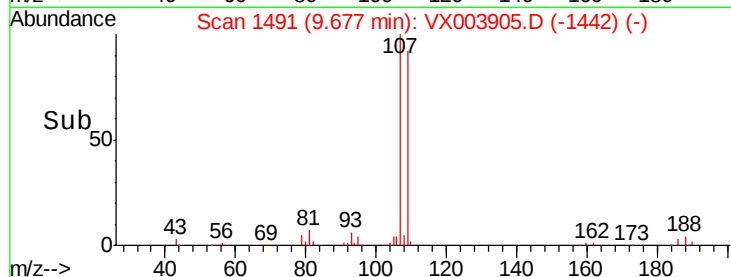
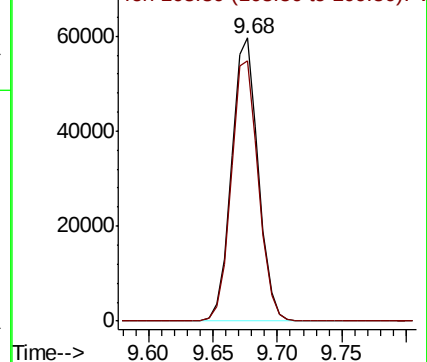
107 100

109 93.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

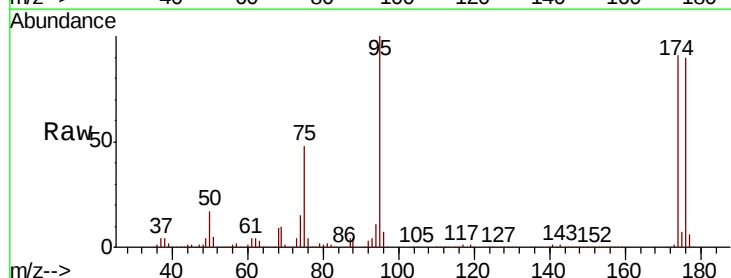
Tgt Ion: 95 Resp: 253361

Ion Ratio Lower Upper

95 100

174 90.8 0.0 182.8

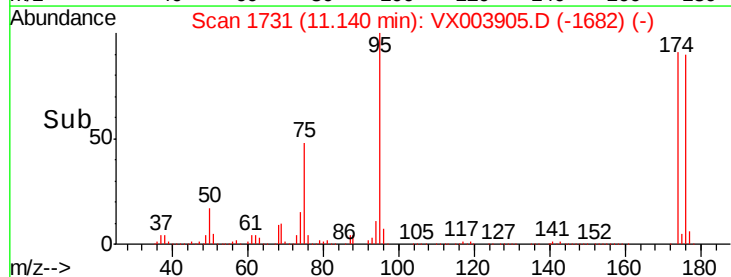
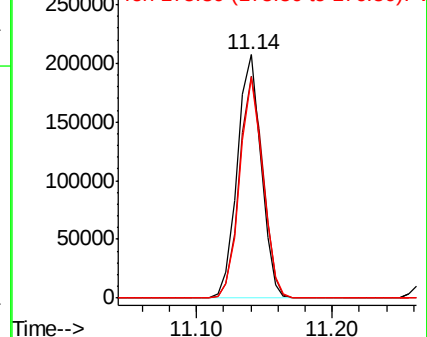
176 88.4 0.0 179.0

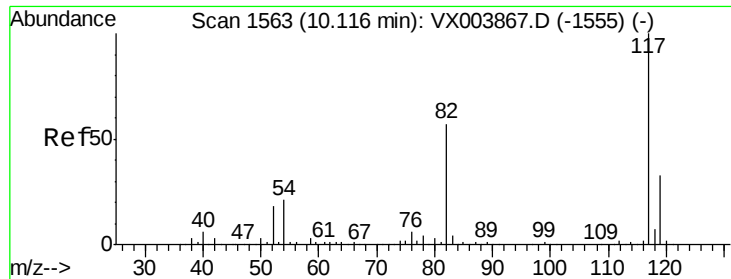


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

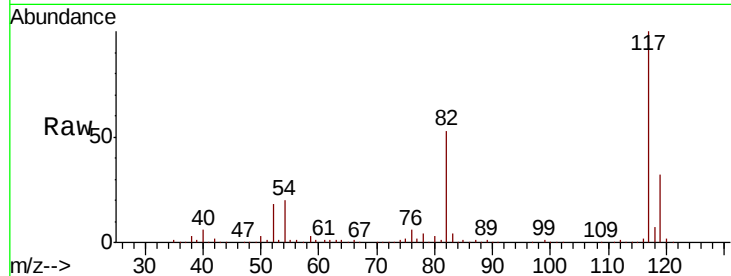




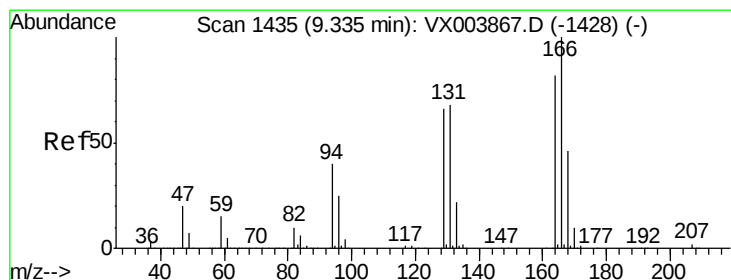
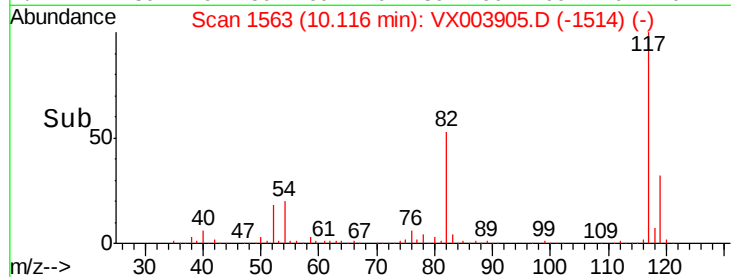
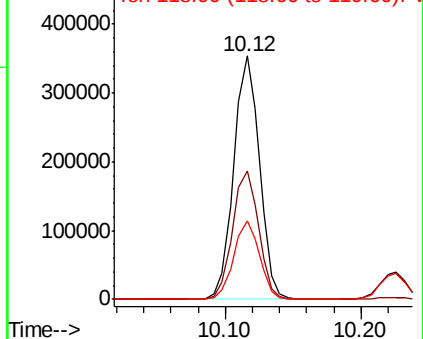
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

Tot Ion:117 Resp: 464579
Ion Ratio Lower Upper
117 100
82 52.8 45.4 68.0
119 32.2 26.6 40.0

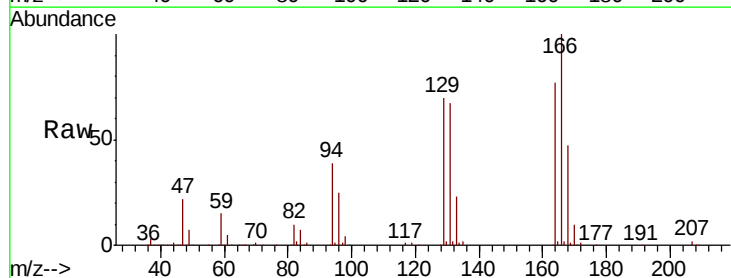


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

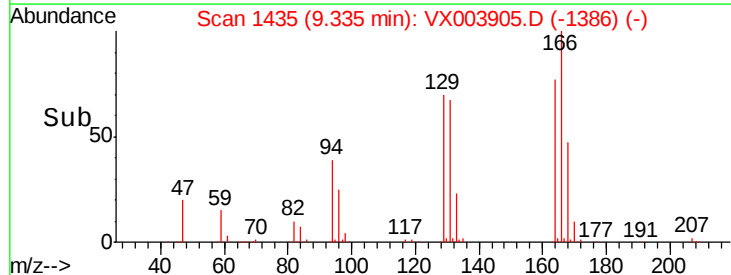
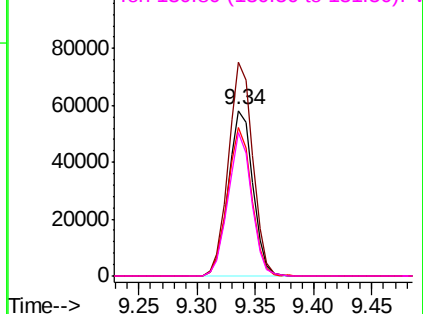


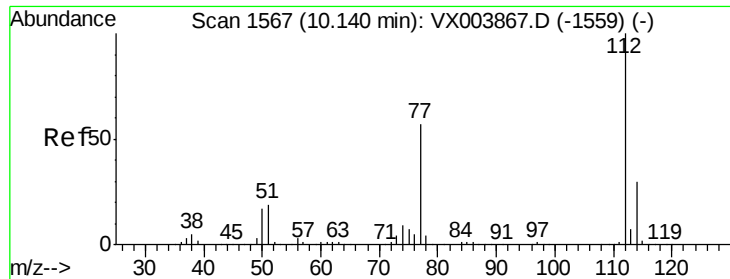
#64
Tetrachloroethene
Concen: 18.67 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:164 Resp: 85325
Ion Ratio Lower Upper
164 100
166 129.2 98.0 147.0
129 89.9 64.3 96.5
131 86.5 66.8 100.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.07 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

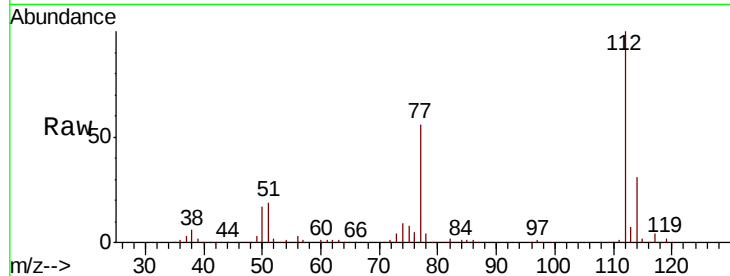
VX0807WBSD03

Tot Ion:112 Resp: 230548

Ion Ratio Lower Upper

112 100

114 31.0 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

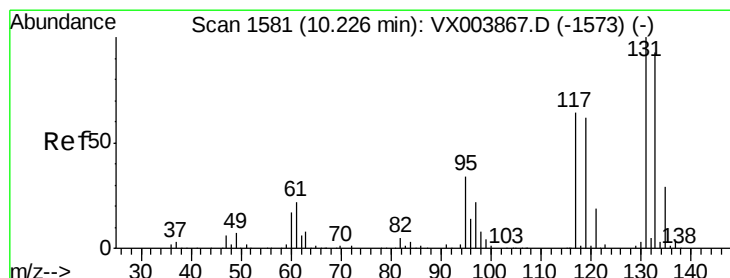
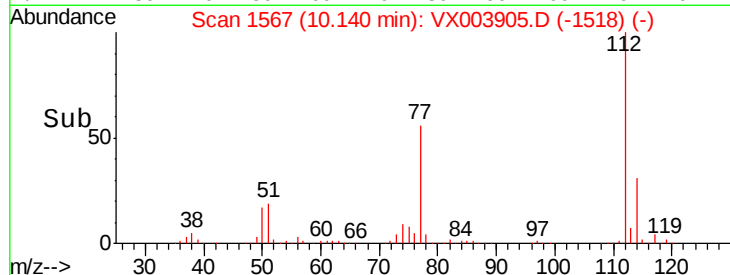
100000

50000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.46 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

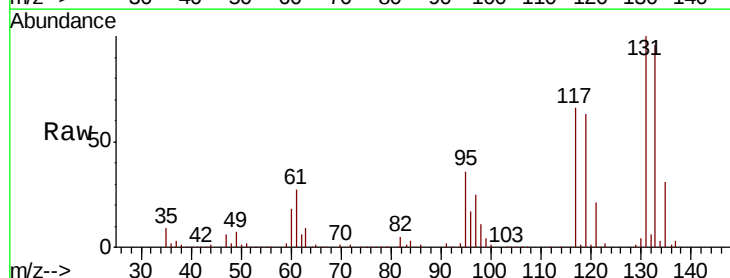
Tgt Ion:131 Resp: 80851

Ion Ratio Lower Upper

131 100

133 94.3 47.3 141.8

119 64.1 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

80000

60000

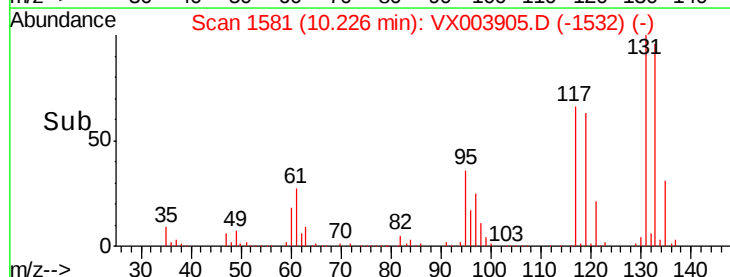
40000

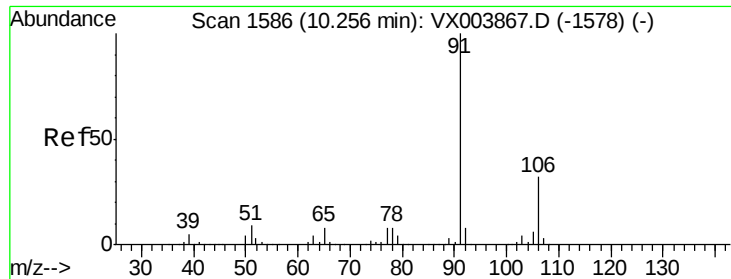
20000

0

10.15 10.20 10.23 10.25 10.30

Time-->

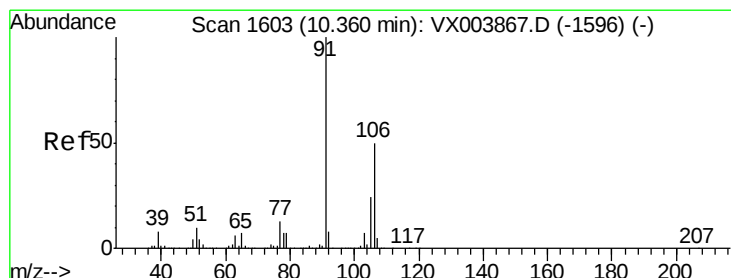
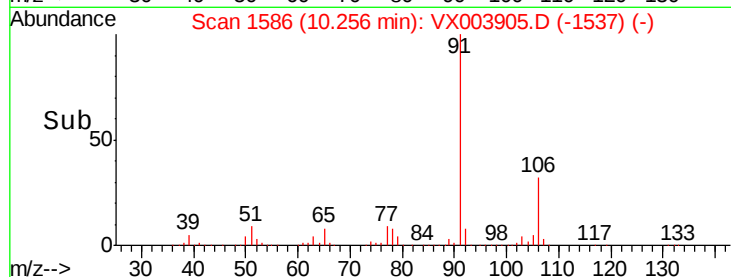
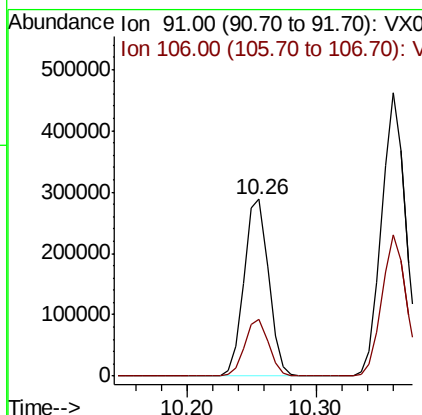
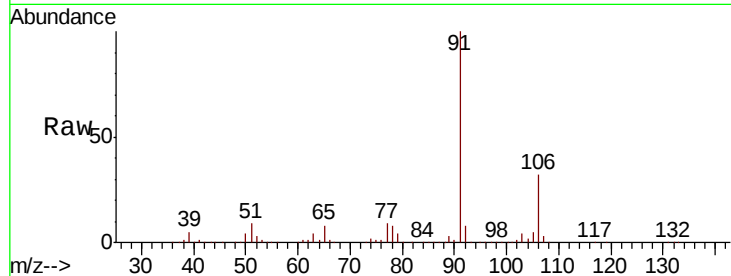




#67
Ethyl Benzene
Concen: 19.16 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

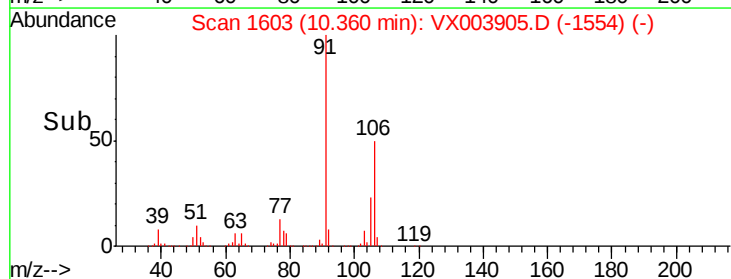
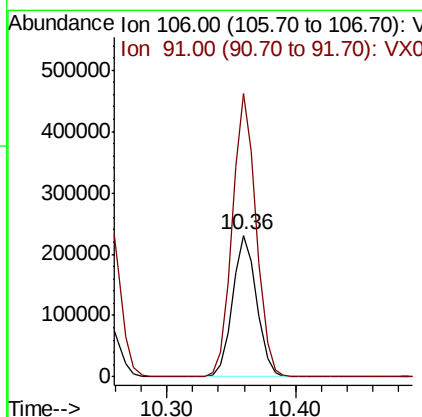
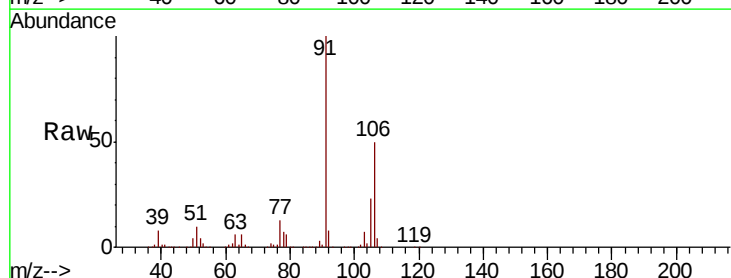
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

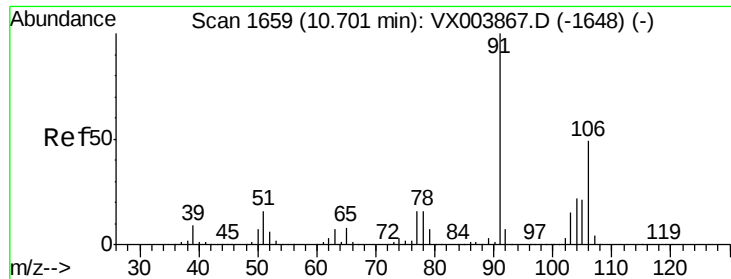
Tot Ion: 91 Resp: 379236
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 38.97 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion: 106 Resp: 301327
Ion Ratio Lower Upper
106 100
91 198.1 162.3 243.5

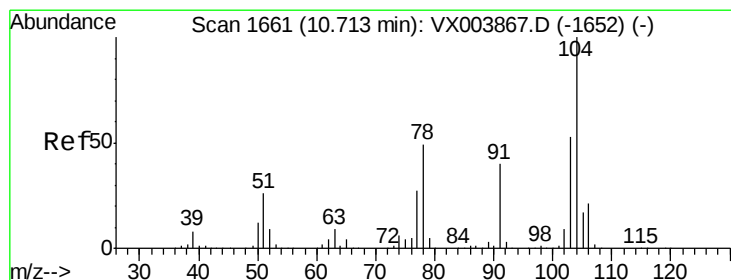
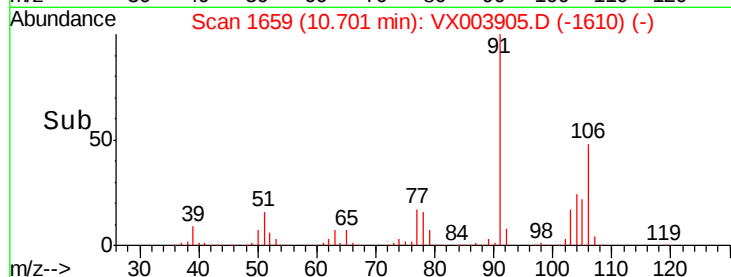
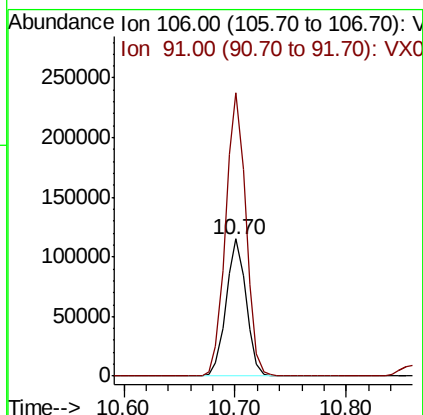
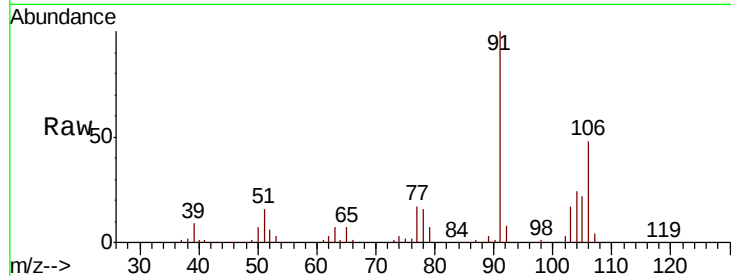




#69
o-Xylene
Concen: 19.63 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

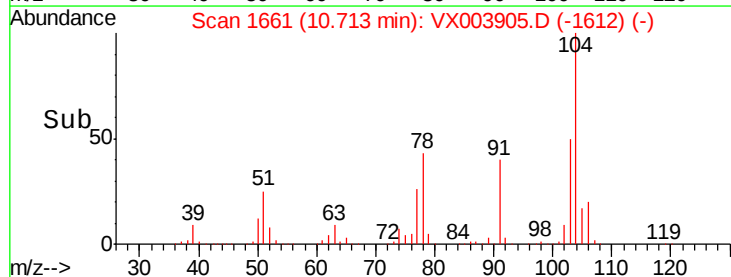
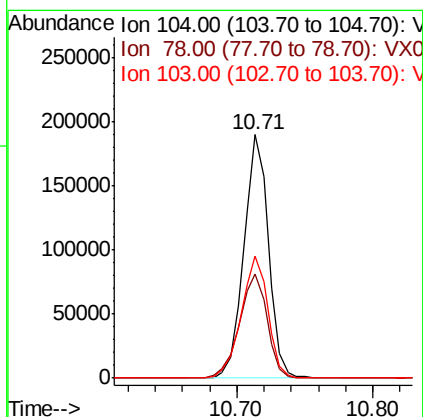
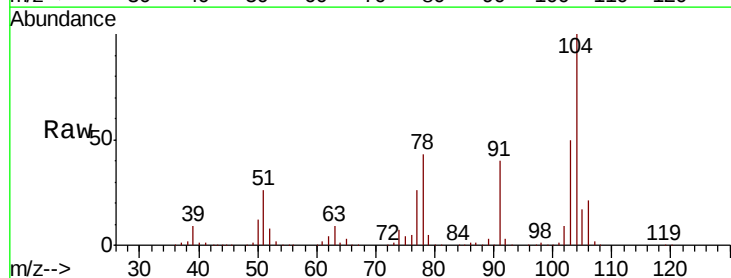
Instrument :
MSVOA_X
ClientSampled :
VX0807WBSD03

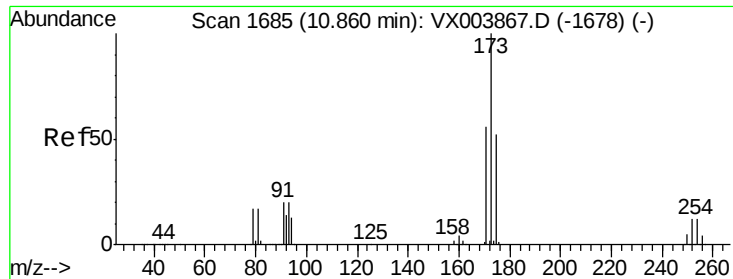
Tot Ion:106 Resp: 143264
Ion Ratio Lower Upper
106 100
91 209.2 101.9 305.7



#70
Styrene
Concen: 19.99 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:104 Resp: 238944
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 54.5 44.3 66.5

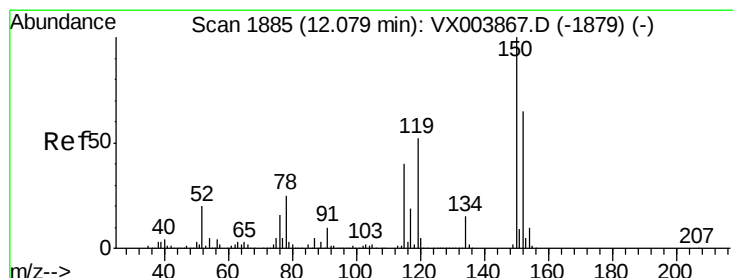
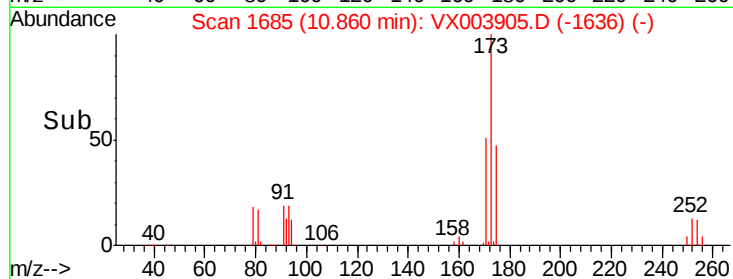
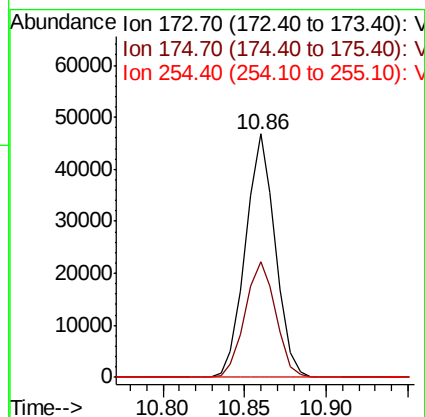
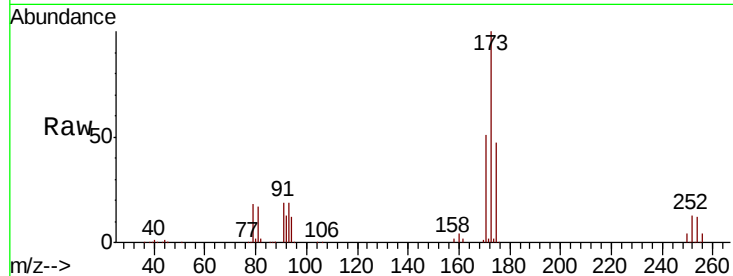




#71
Bromoform
Concen: 18.85 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

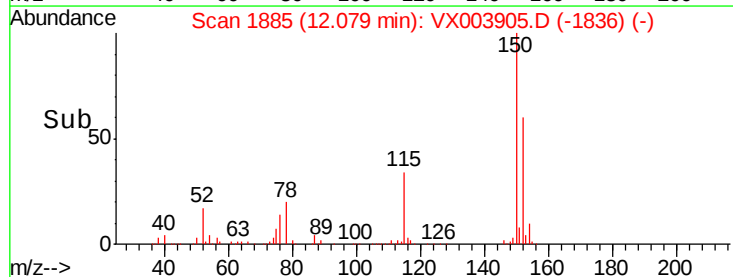
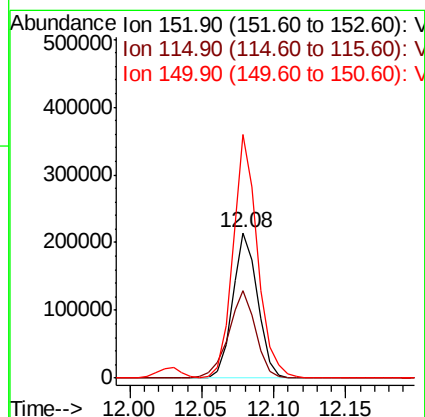
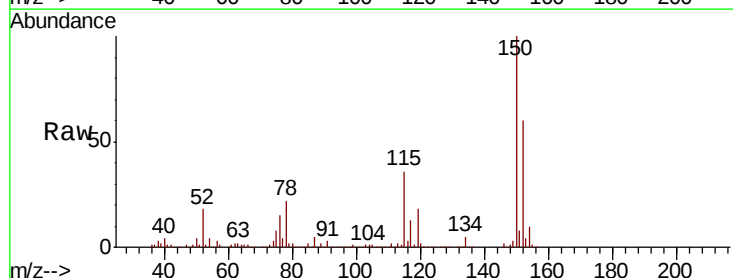
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBSD03

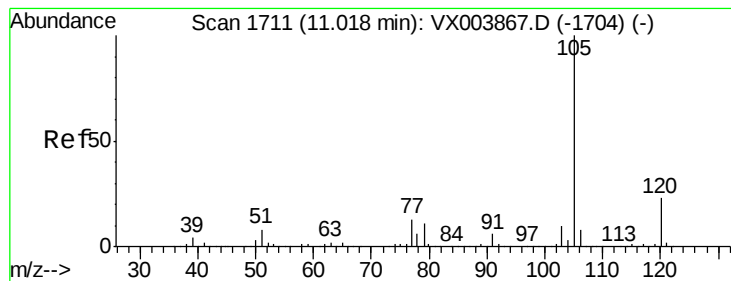
Tot Ion:173 Resp: 59614
Ion Ratio Lower Upper
173 100
175 49.1 24.9 74.7
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:152 Resp: 259416
Ion Ratio Lower Upper
152 100
115 65.2 39.1 117.3
150 165.2 0.0 349.2





#73

Isopropylbenzene

Concen: 20.09 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

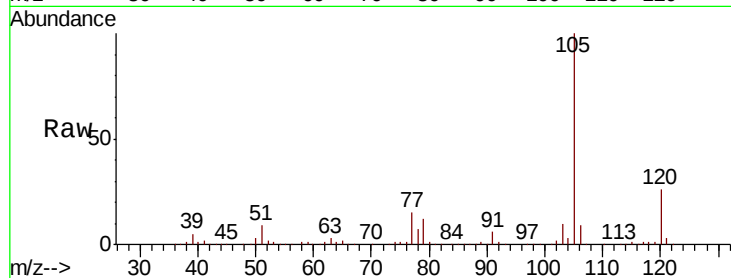
VX0807WBSD03

Tot Ion:105 Resp: 385598

Ion Ratio Lower Upper

105 100

120 26.8 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

300000

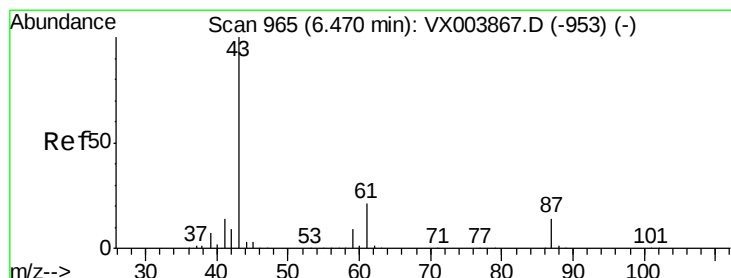
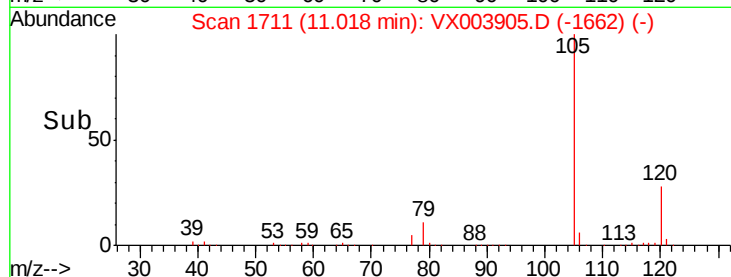
200000

100000

0

Time-->

11.00 11.10



#74

N-ethyl acetate

Concen: 17.61 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Tgt Ion: 43 Resp: 175696

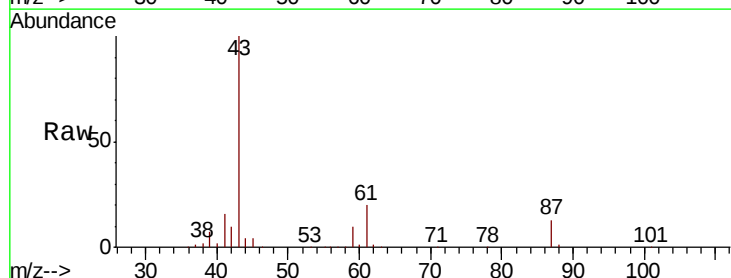
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 20.8 16.9 25.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

60000

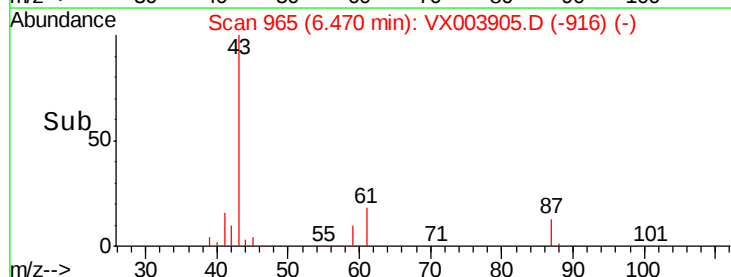
40000

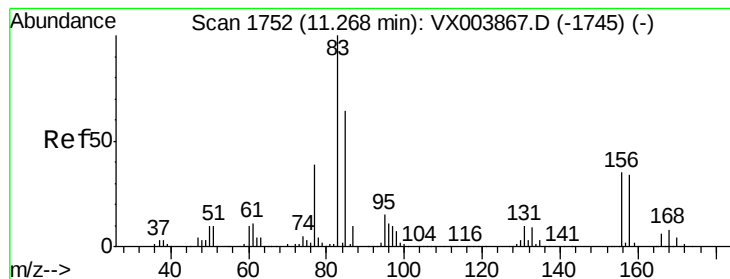
20000

0

Time-->

6.30 6.40 6.50 6.60





#75

1,1,2,2-Tetrachloroethane

Concen: 19.88 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampled :

VX0807WBSD03

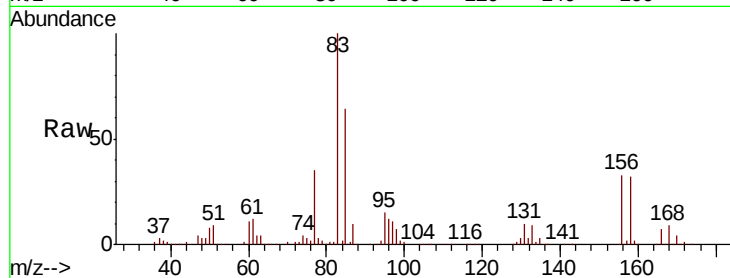
Tot Ion: 83 Resp: 130749

Ion Ratio Lower Upper

83 100

131 10.1 5.2 15.6

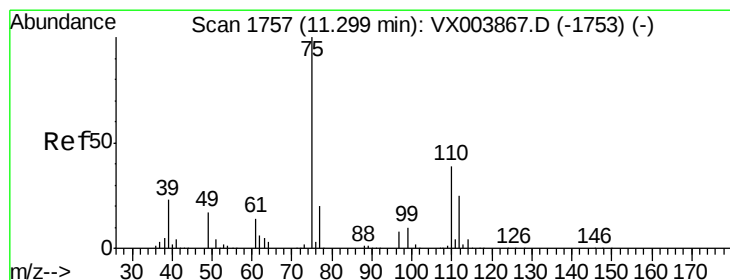
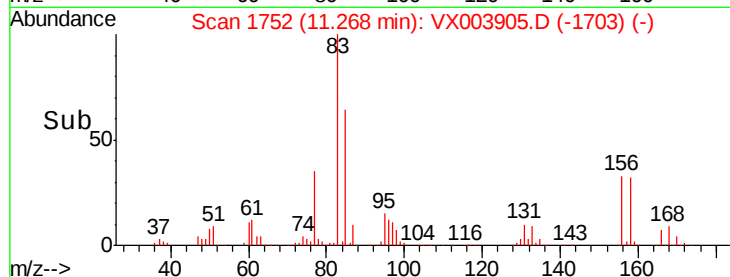
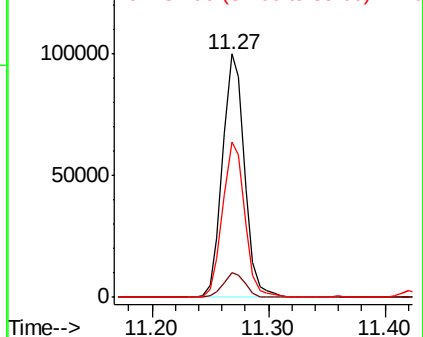
85 64.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.05 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003905.D

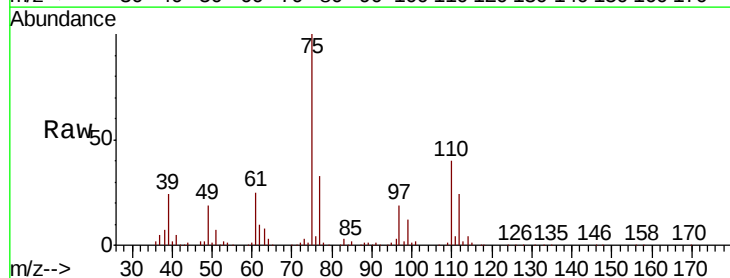
Acq: 08 Aug 2018 03:38

Tgt Ion: 75 Resp: 137823

Ion Ratio Lower Upper

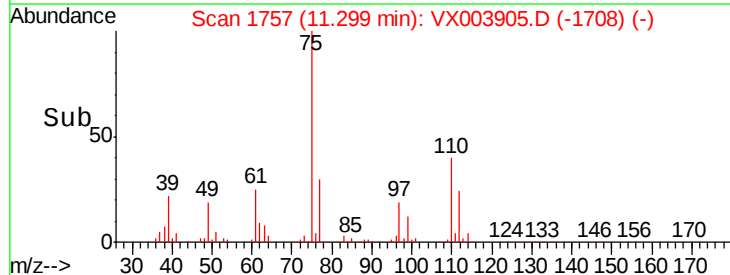
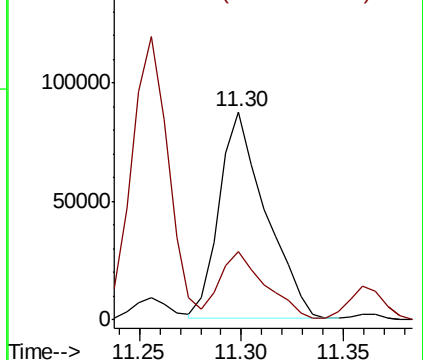
75 100

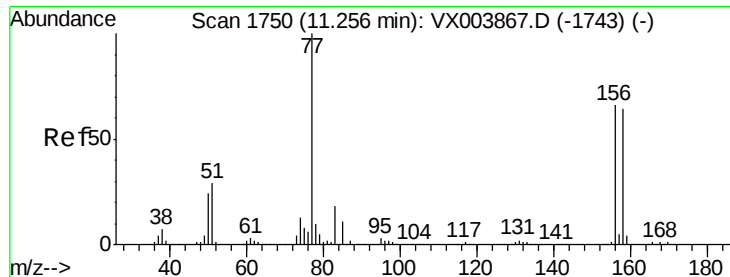
77 32.8 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.85 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

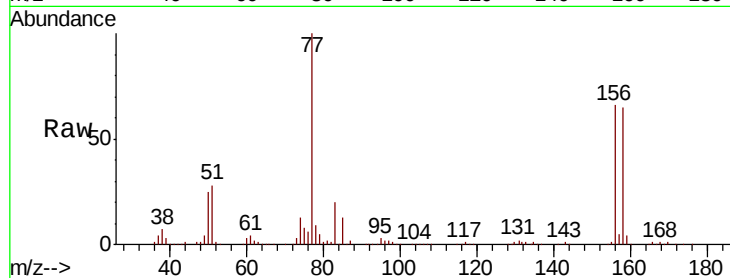
Tot Ion:156 Resp: 101644

Ion Ratio Lower Upper

156 100

77 148.0 74.1 222.2

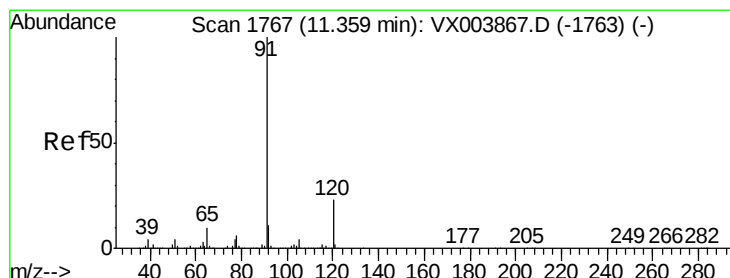
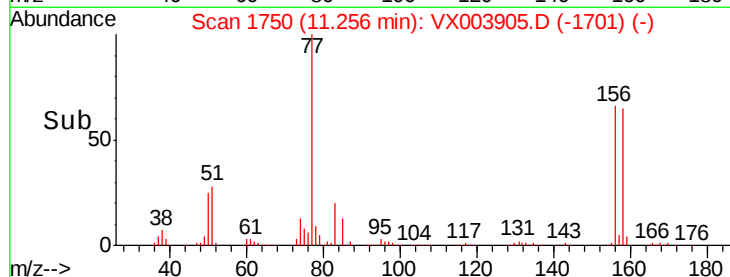
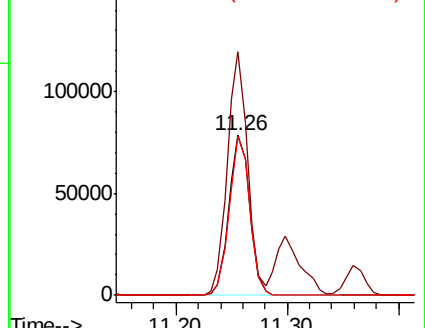
158 97.2 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.16 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003905.D

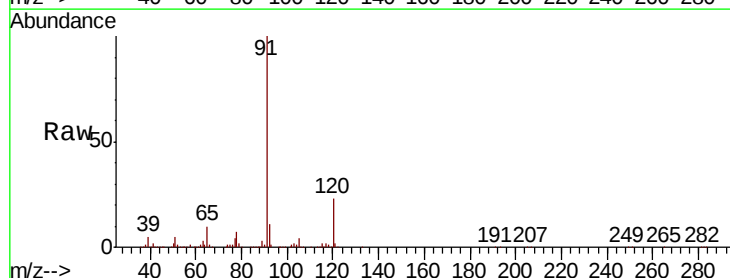
Acq: 08 Aug 2018 03:38

Tgt Ion: 91 Resp: 434536

Ion Ratio Lower Upper

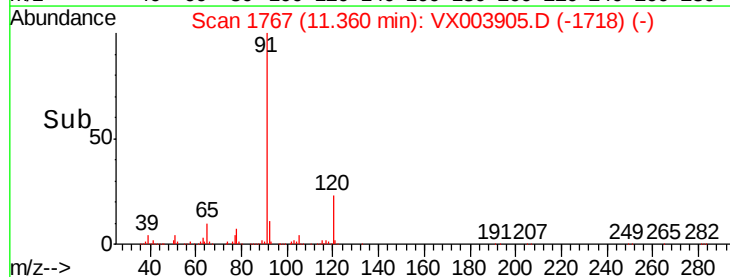
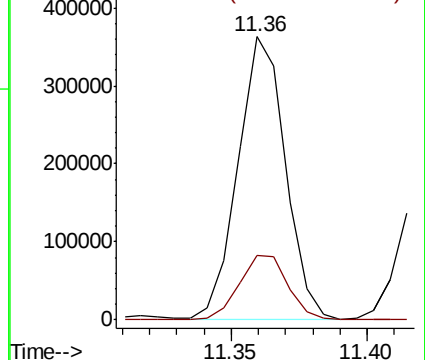
91 100

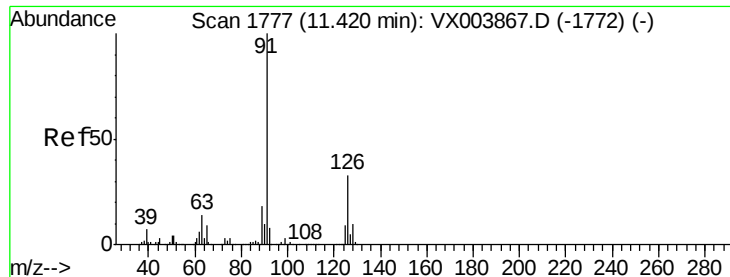
120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

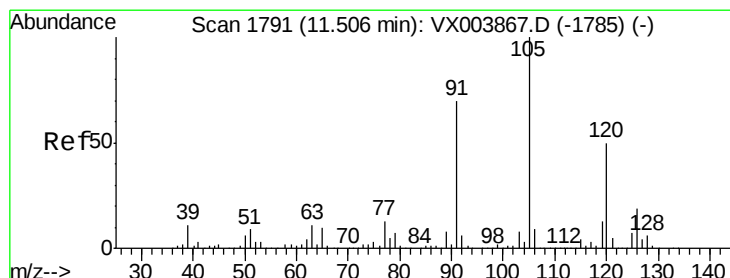
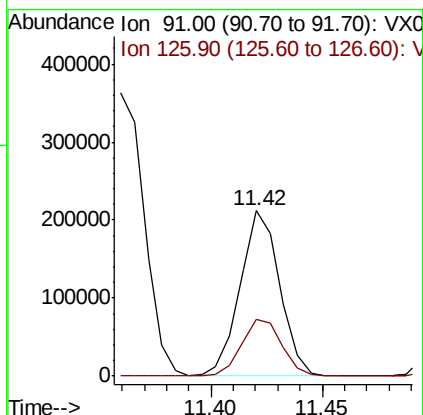
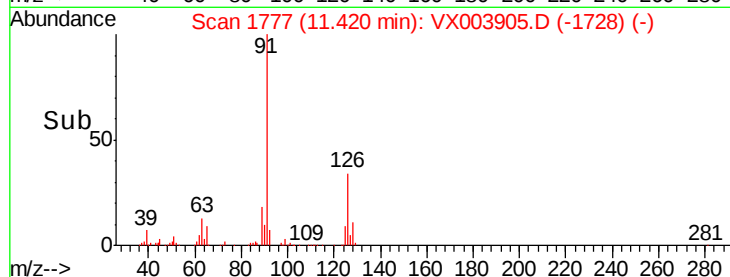
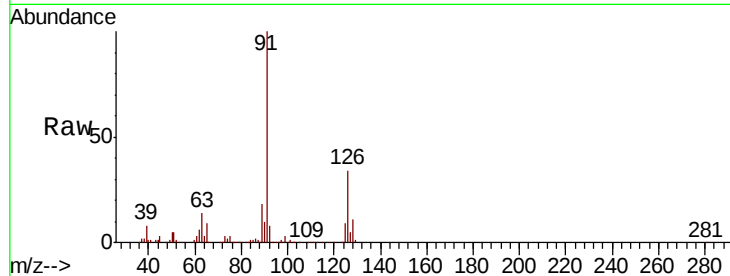




#79
 2-Chlorotoluene
 Concen: 19.97 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

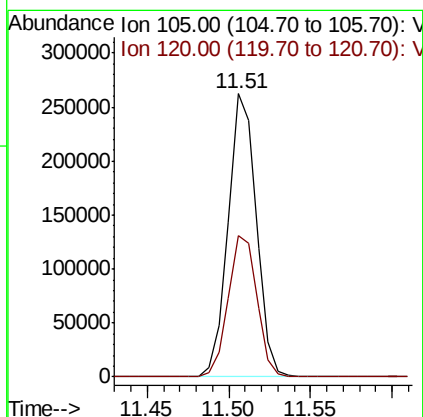
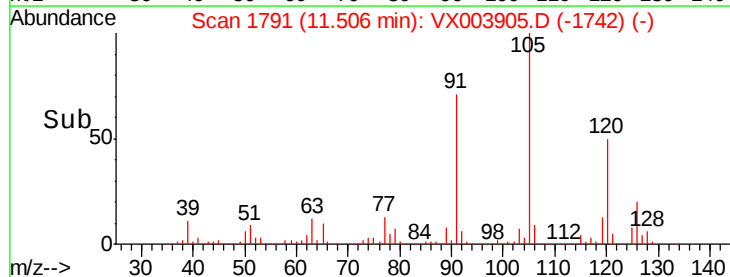
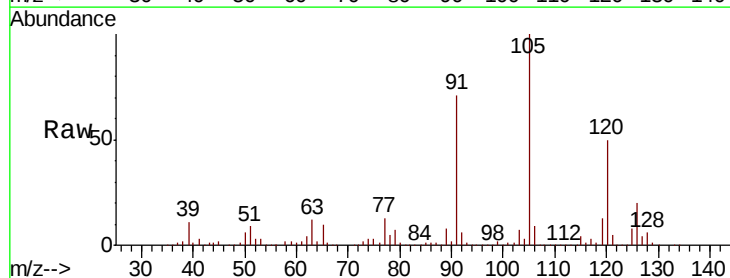
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

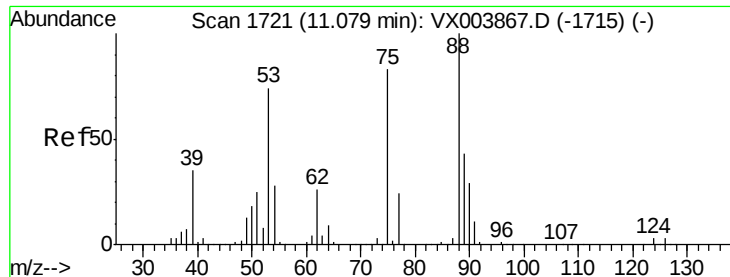
Tot Ion: 91 Resp: 262361
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.11 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 105 Resp: 314695
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

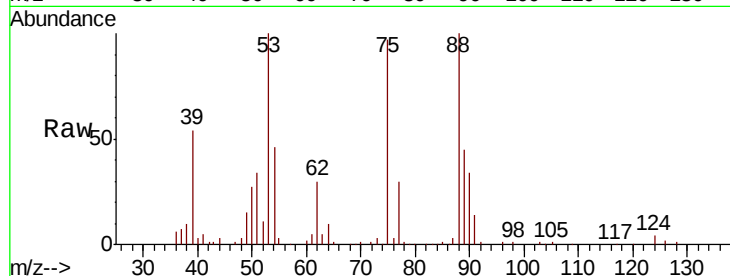
Tot Ion: 75 Resp: 29588

Ion Ratio Lower Upper

75 100

53 105.7 80.3 120.5

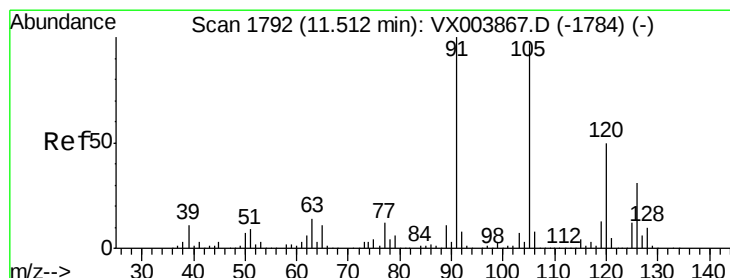
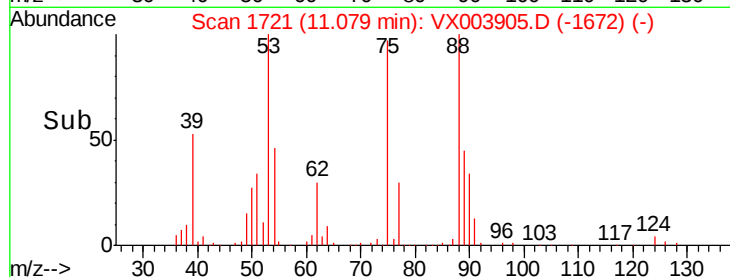
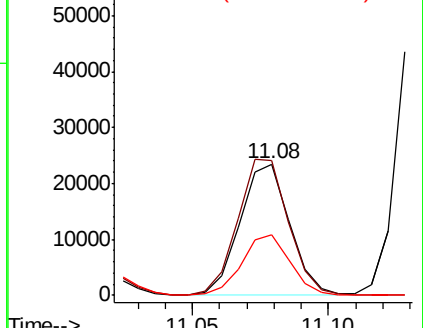
89 45.0 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.97 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003905.D

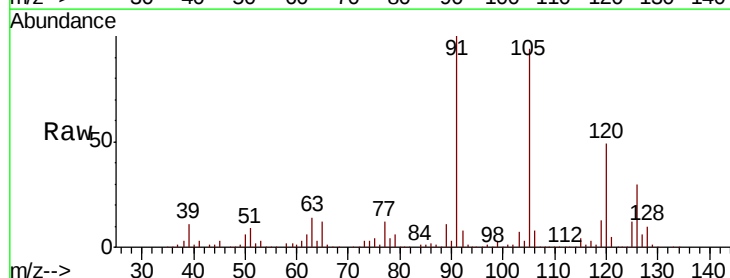
Acq: 08 Aug 2018 03:38

Tgt Ion: 91 Resp: 307369

Ion Ratio Lower Upper

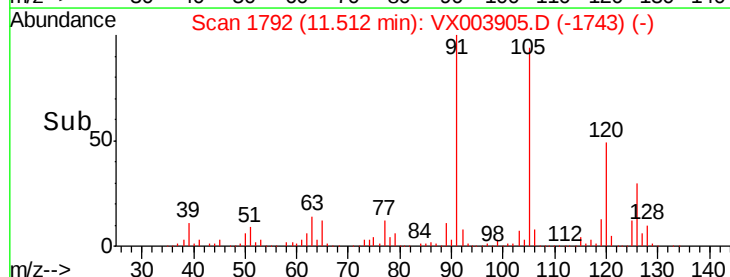
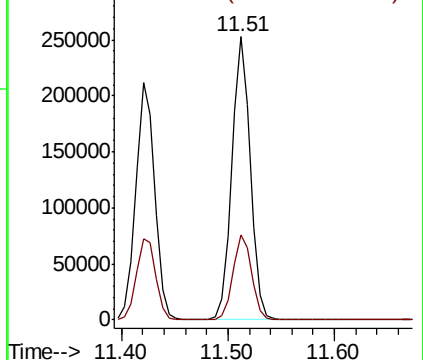
91 100

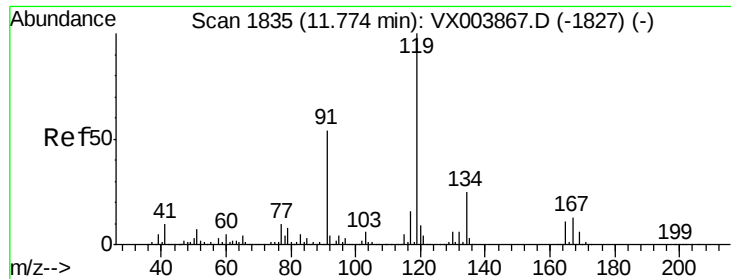
126 30.7 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

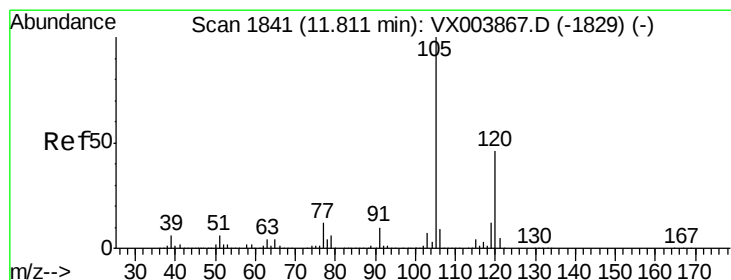
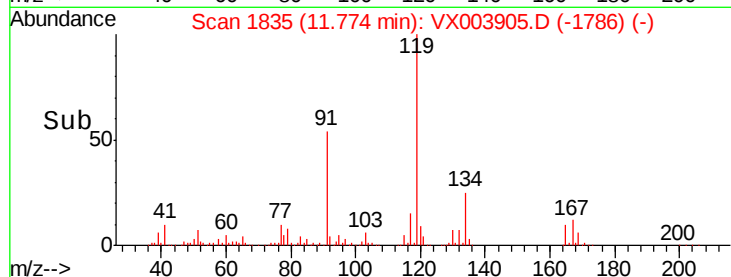
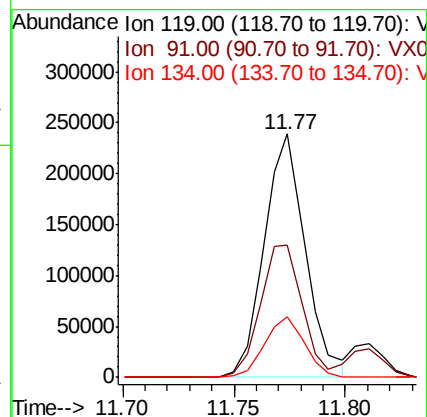
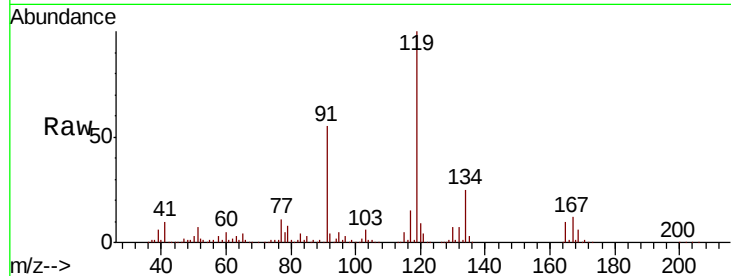




#83
tert-Butylbenzene
Concen: 19.97 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

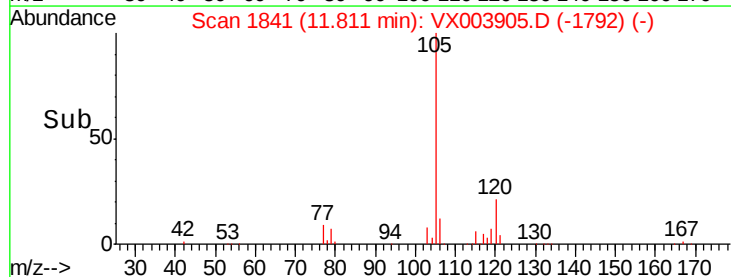
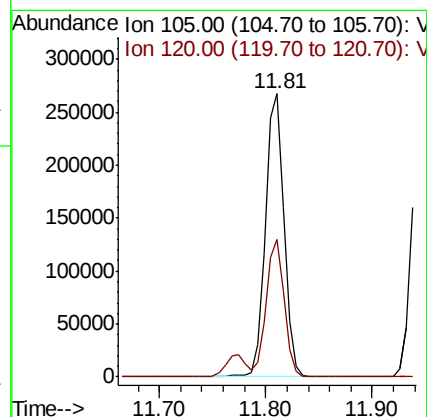
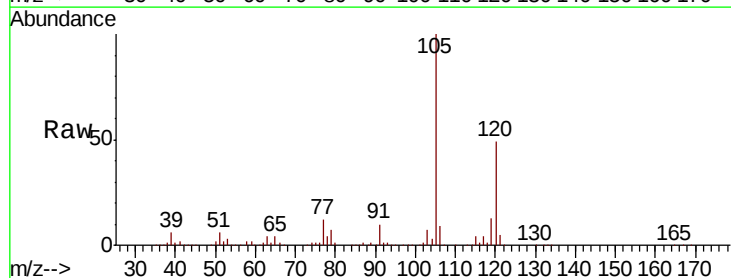
Instrument :
MSVOA_X
ClientSampleID :
VX0807WBSD03

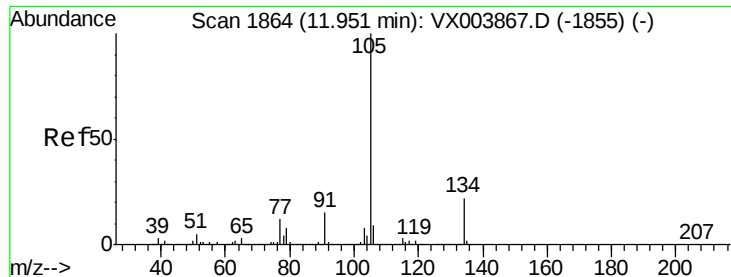
Tot Ion:119 Resp: 307361
Ion Ratio Lower Upper
119 100
91 55.2 26.9 80.7
134 24.3 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 20.89 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003905.D
Acq: 08 Aug 2018 03:38

Tgt Ion:105 Resp: 328706
Ion Ratio Lower Upper
105 100
120 47.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 20.04 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

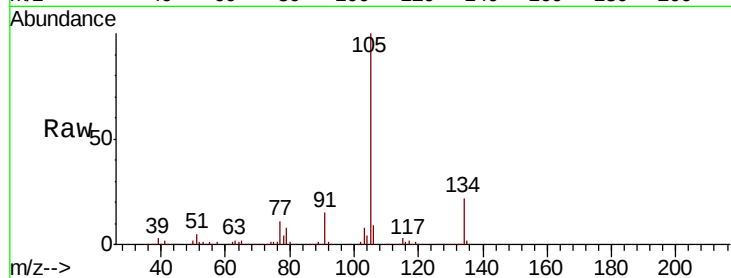
VX0807WBSD03

Tot Ion:105 Resp: 364087

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

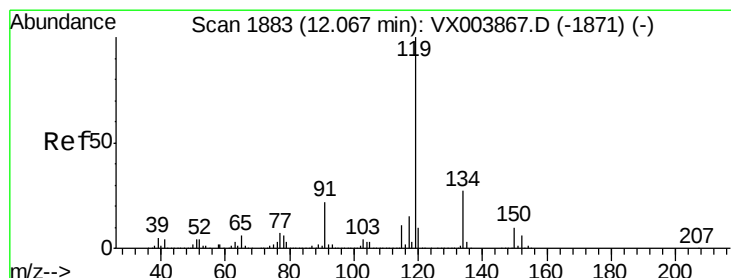
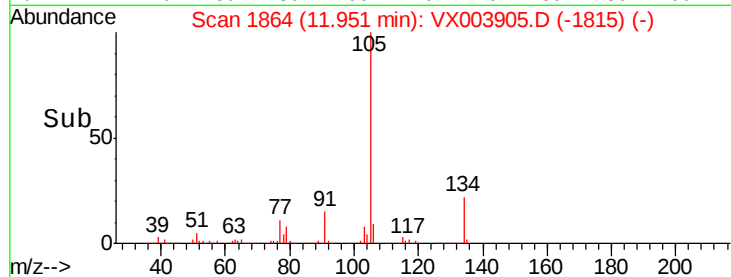
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.80 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

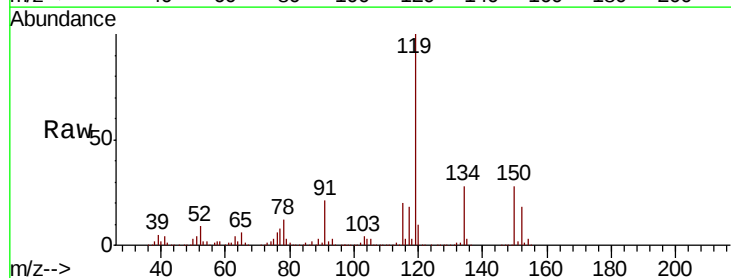
Tgt Ion:119 Resp: 322835

Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 21.4 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

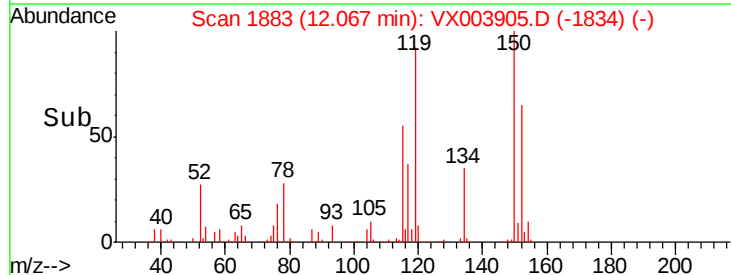
300000

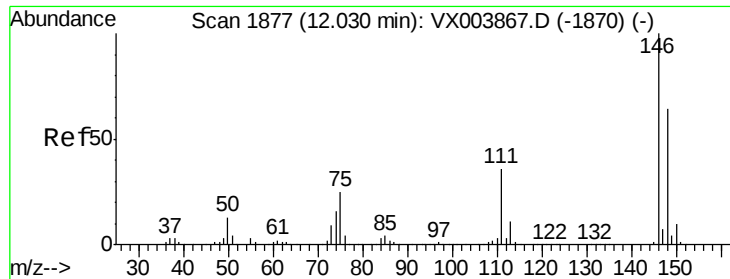
200000

100000

0

Time-->

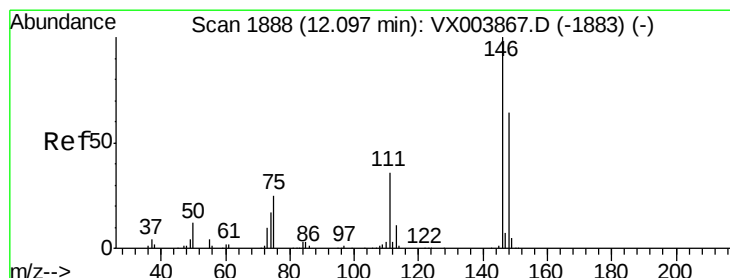
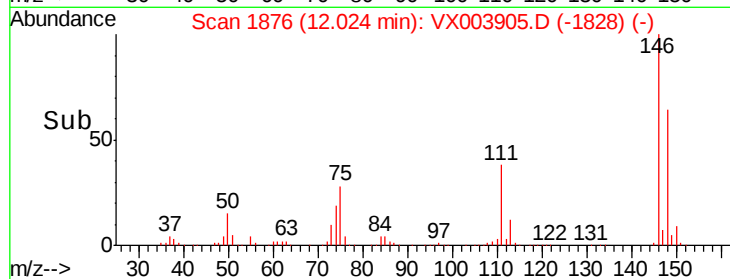
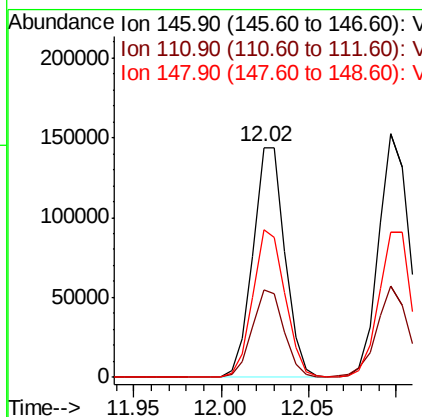
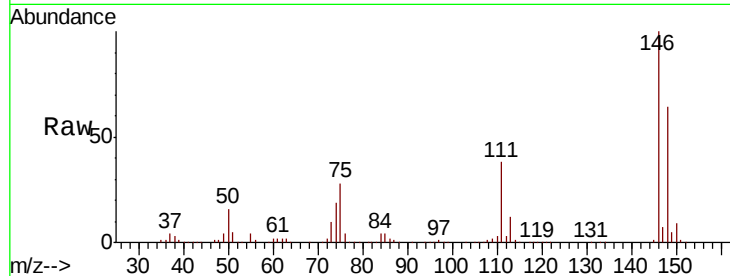




#87
 1,3-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 12.02 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

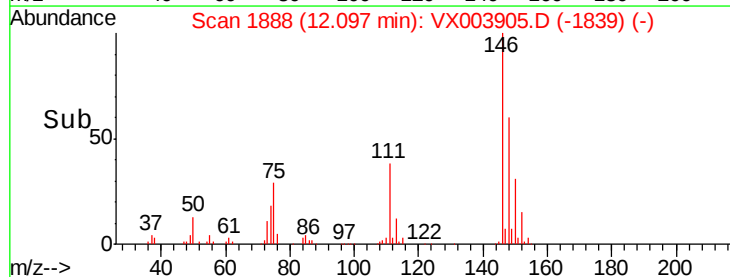
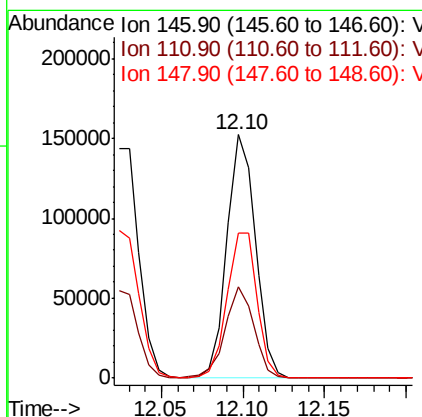
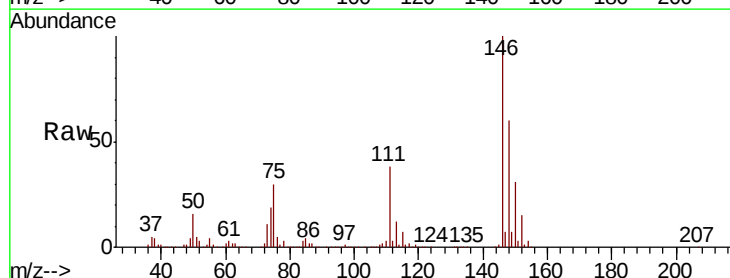
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

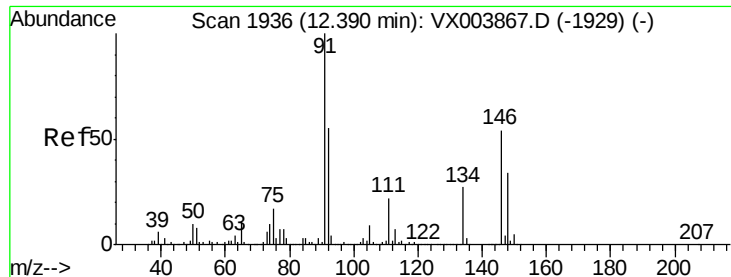
Tot Ion:146 Resp: 183990
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.8 56.4
 148 64.2 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.29 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion:146 Resp: 185531
 Ion Ratio Lower Upper
 146 100
 111 37.9 18.4 55.0
 148 62.7 32.3 96.8





#89

n-Butylbenzene

Concen: 16.44 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleID :

VX0807WBSD03

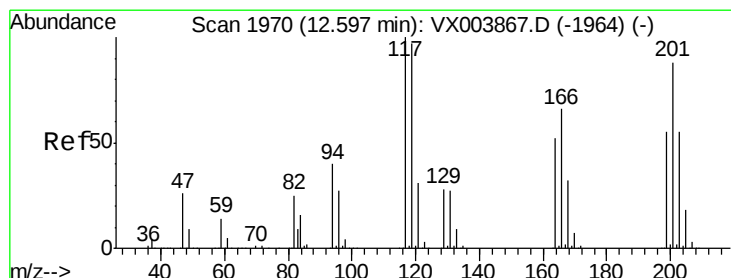
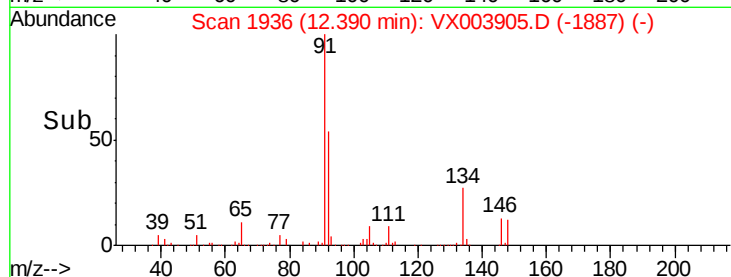
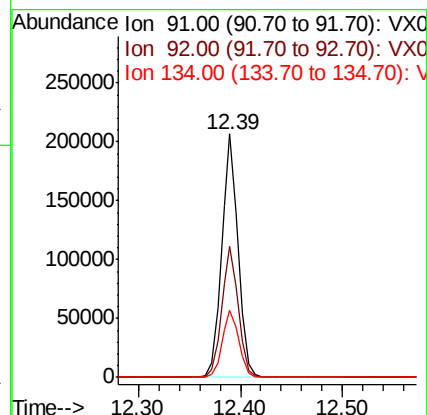
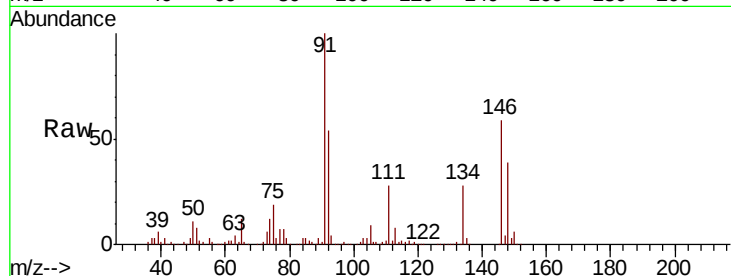
Tot Ion: 91 Resp: 233567

Ion Ratio Lower Upper

91 100

92 54.2 27.1 81.3

134 27.8 13.6 40.7



#90

Hexachloroethane

Concen: 17.21 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003905.D

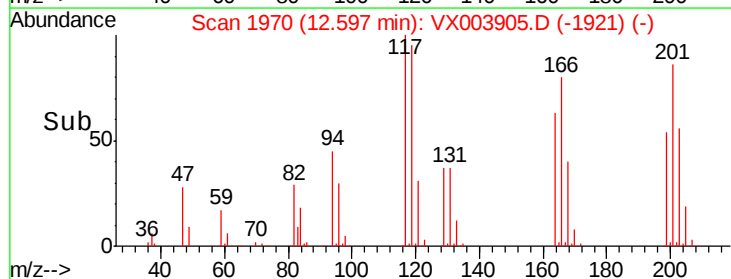
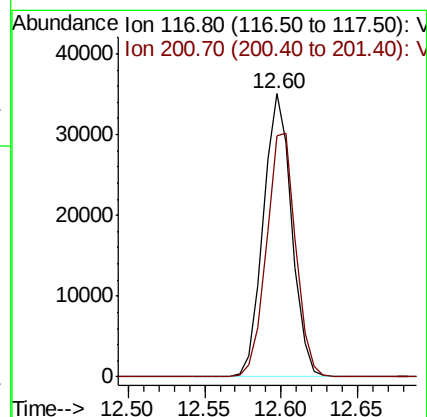
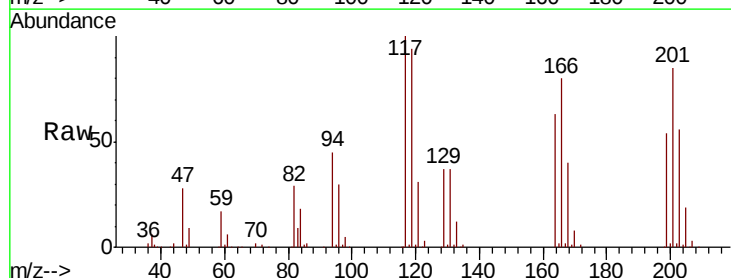
Acq: 08 Aug 2018 03:38

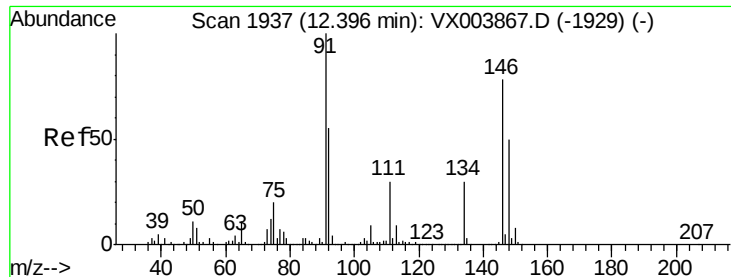
Tgt Ion: 117 Resp: 45554

Ion Ratio Lower Upper

117 100

201 88.4 46.1 138.2

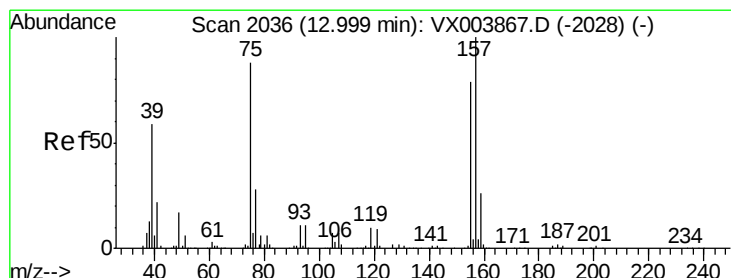
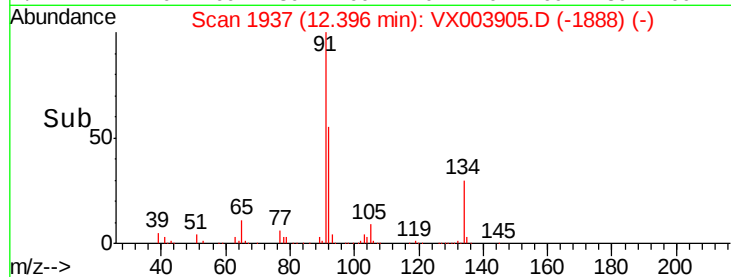
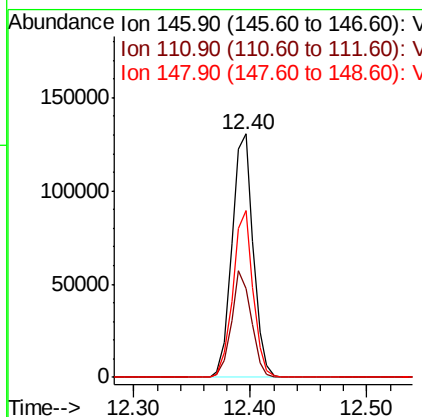
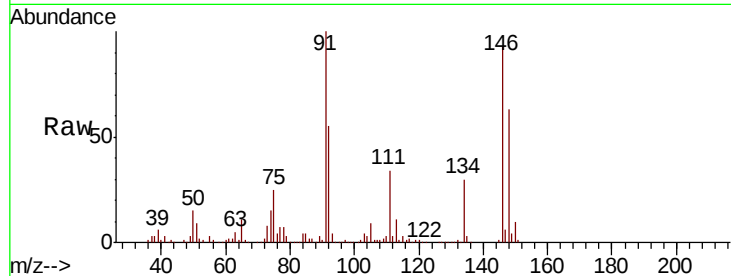




#91
 1,2-Dichlorobenzene
 Concen: 17.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

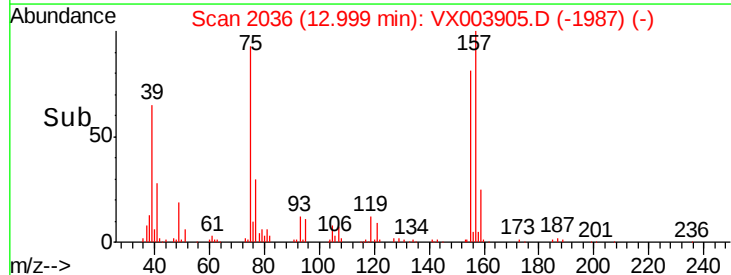
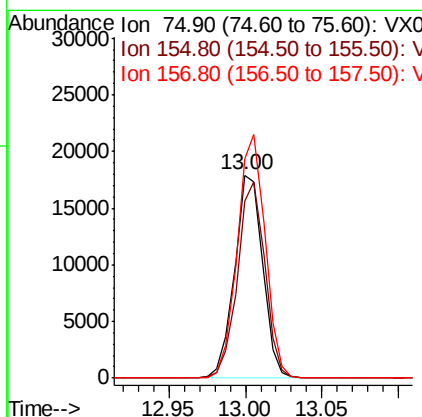
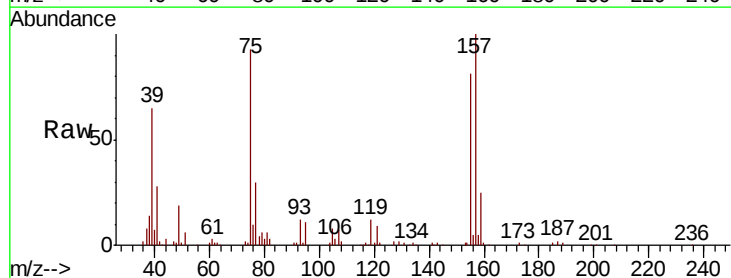
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

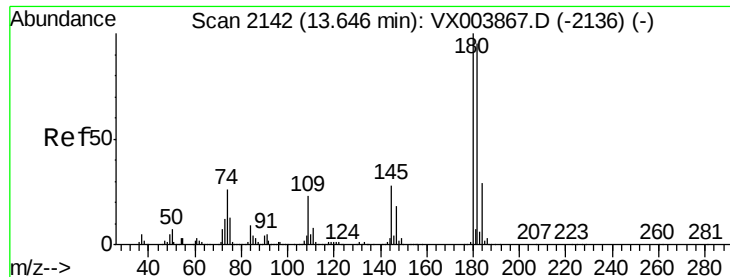
Tot Ion:146 Resp: 165786
 Ion Ratio Lower Upper
 146 100
 111 40.7 19.7 59.0
 148 65.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.96 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion: 75 Resp: 22858
 Ion Ratio Lower Upper
 75 100
 155 94.0 48.7 146.1
 157 118.6 62.6 187.8

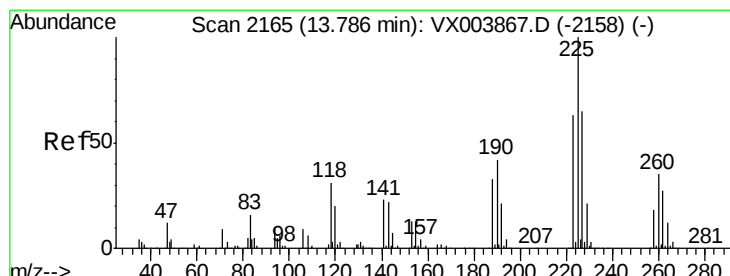
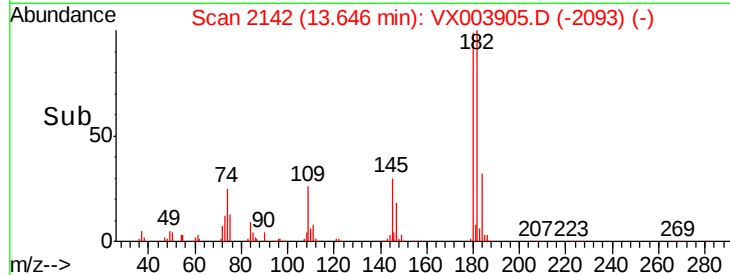
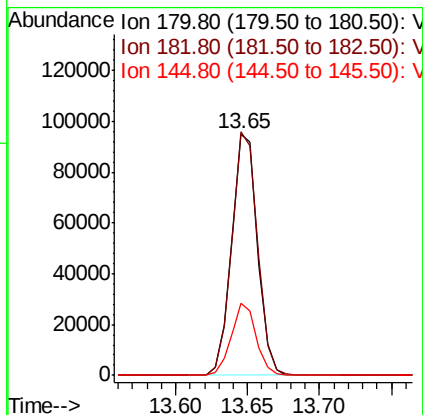
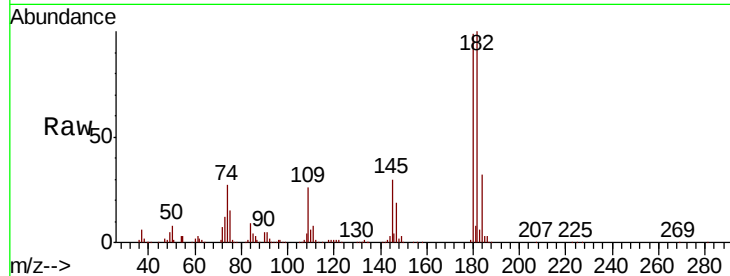




#93
 1,2,4-Trichlorobenzene
 Concen: 17.81 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

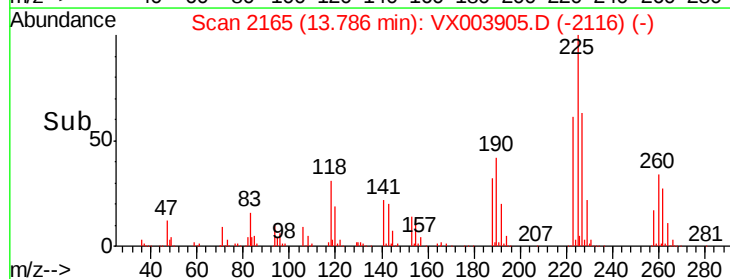
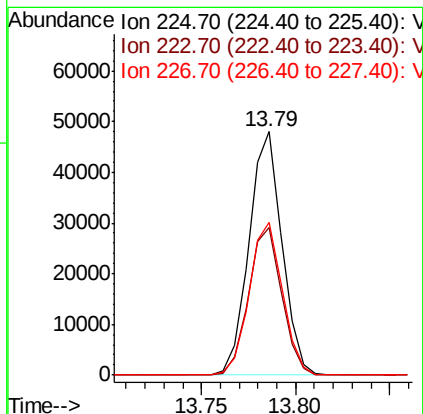
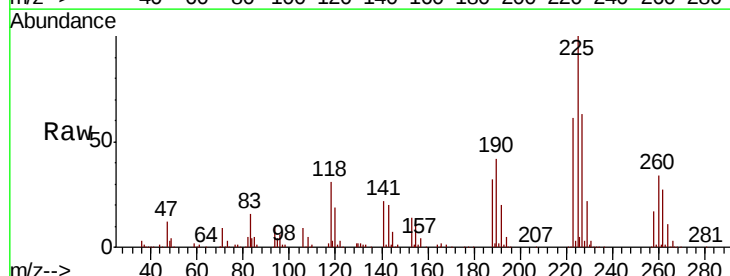
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

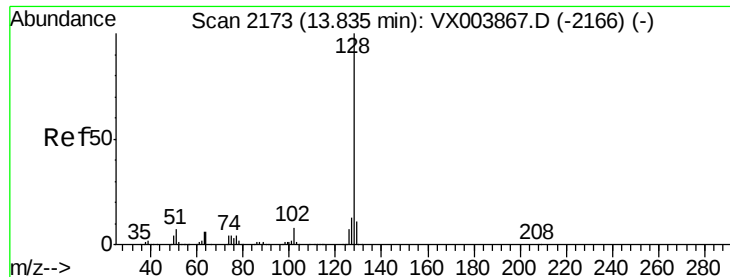
Tot Ion	Ratio	Lower	Upper
180	100		
182	100.1	47.7	143.1
145	28.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.79 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003905.D
 Acq: 08 Aug 2018 03:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.4	94.0
227	62.9	32.1	96.5





#95

Naphthalene

Concen: 20.51 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBSD03

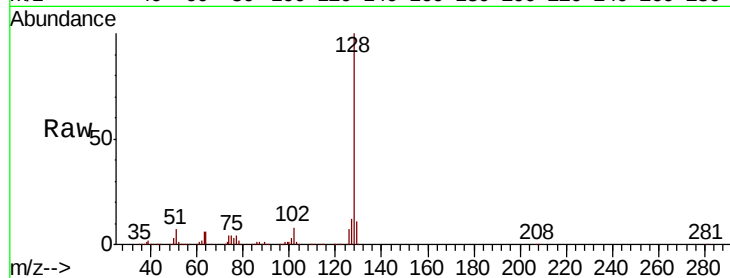
Tot Ion:128 Resp: 396263

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

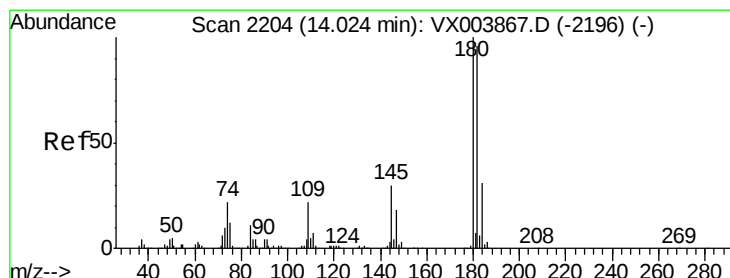
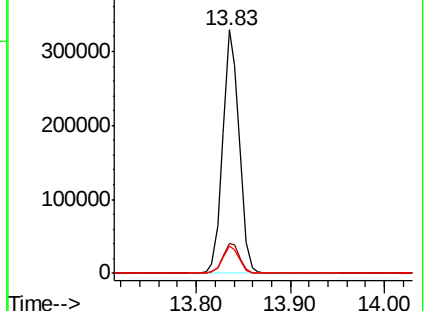
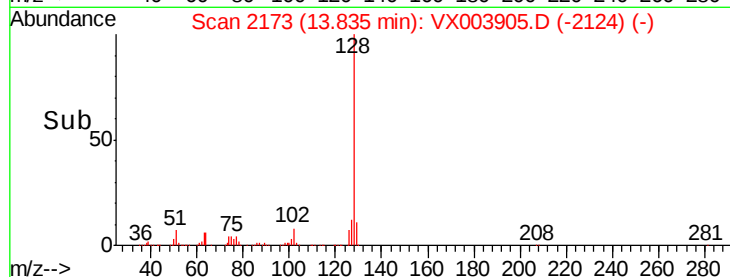
129 11.0 8.8 13.2



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: 20.09 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003905.D

Acq: 08 Aug 2018 03:38

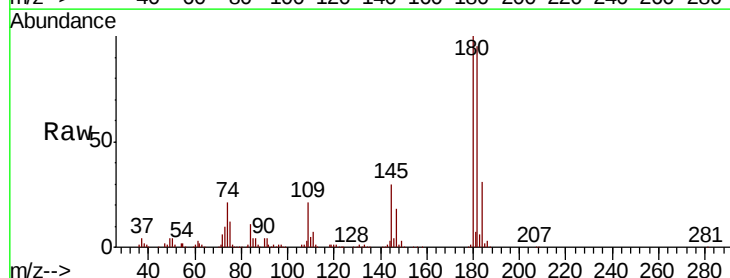
Tgt Ion:180 Resp: 135244

Ion Ratio Lower Upper

180 100

182 94.6 48.1 144.4

145 30.2 14.9 44.7



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

