

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003542.D
 Acq On : 21 Jul 2018 06:40
 Operator : JC/SP
 Sample : J4014-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

Quant Time: Jul 21 07:01:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	300817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	400670	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231067	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	191626	53.81	ug/l	0.01
Spiked Amount			Recovery	=	107.62%	
35) Dibromofluoromethane	5.51	113	180771	59.23	ug/l	0.00
Spiked Amount			Recovery	=	118.46%	
50) Toluene-d8	8.72	98	614994	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	11.14	95	222858	53.24	ug/l	0.00
Spiked Amount			Recovery	=	106.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	124185	52.03	ug/l	97
3) Chloromethane	1.32	50	176026	59.69	ug/l	92
4) Vinyl Chloride	1.40	62	187970	49.19	ug/l	97
5) Bromomethane	1.64	94	76926	50.63	ug/l	87
6) Chloroethane	1.72	64	124589	55.10	ug/l	89
7) Trichlorofluoromethane	1.93	101	258912	50.78	ug/l	97
8) Diethyl Ether	2.19	74	112540	51.40	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155089	46.48	ug/l	97
10) Methyl Iodide	2.51	142	232770	58.07	ug/l	93
11) Tert butyl alcohol	3.07	59	203061	288.18	ug/l	100
12) 1,1-Dichloroethene	2.37	96	157318	51.20	ug/l #	76
13) Acrolein	2.29	56	72292	227.07	ug/l	99
14) Allyl chloride	2.73	41	283779	52.18	ug/l	87
15) Acrylonitrile	3.15	53	507592	282.95	ug/l	96
16) Acetone	2.45	43	396463	294.76	ug/l	94
17) Carbon Disulfide	2.57	76	437729	52.68	ug/l	96
18) Methyl Acetate	2.78	43	211455	49.87	ug/l	93
19) Methyl tert-butyl Ether	3.21	73	558537	55.67	ug/l	95
20) Methylene Chloride	2.86	84	181560	55.30	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	173955	50.89	ug/l	97
22) Diisopropyl ether	3.87	45	585011	57.16	ug/l #	95
23) Vinyl Acetate	3.82	43	2005388	237.88	ug/l	95
24) 1,1-Dichloroethane	3.69	63	343090	57.14	ug/l	99
25) 2-Butanone	4.71	43	653063	289.39	ug/l	95
26) 2,2-Dichloropropane	4.58	77	144533	31.69	ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	206762	54.32	ug/l	93
28) Bromochloromethane	5.02	49	153532	58.50	ug/l	90
29) Tetrahydrofuran	5.16	42	424254	284.59	ug/l	91
30) Chloroform	5.21	83	335213	57.17	ug/l	98
31) Cyclohexane	5.57	56	269733	50.28	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	278316	55.43	ug/l	98
36) 1,1-Dichloropropene	5.79	75	229018	52.94	ug/l	97
37) Ethyl Acetate	4.87	43	211459	51.66	ug/l	95
38) Carbon Tetrachloride	5.78	117	236584	55.76	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072018\
 Data File : VX003542.D
 Acq On : 21 Jul 2018 06:40
 Operator : JC/SP
 Sample : J4014-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

Quant Time: Jul 21 07:01:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232858	45.45	ug/l	96
40) Benzene	6.15	78	692148	52.99	ug/l	100
41) Methacrylonitrile	5.06	41	142712	59.32	ug/l	93
42) 1,2-Dichloroethane	6.20	62	224842	54.64	ug/l	95
43) Isopropyl Acetate	6.47	43	318411	48.90	ug/l	94
44) Trichloroethene	7.21	130	202040	51.87	ug/l	96
45) 1,2-Dichloropropane	7.52	63	179441	54.11	ug/l	99
46) Dibromomethane	7.67	93	114027	53.41	ug/l	97
47) Bromodichloromethane	7.90	83	214453	54.87	ug/l	98
48) Methyl methacrylate	7.78	41	184611	56.22	ug/l	86
49) 1,4-Dioxane	7.76	88	80051	1075.89	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1168769	284.11	ug/l	90
52) Toluene	8.79	92	438859	53.38	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	237297	49.32	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	217583	50.29	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	191233	58.46	ug/l	96
56) Ethyl methacrylate	9.18	69	272089	59.05	ug/l #	84
57) 1,3-Dichloropropane	9.37	76	280444	53.03	ug/l	100
59) 2-Hexanone	9.50	43	836321	274.39	ug/l	88
60) Dibromochloromethane	9.59	129	178078	54.99	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180426	53.20	ug/l	99
64) Tetrachloroethene	9.34	164	239912	51.34	ug/l	98
65) Chlorobenzene	10.14	112	483824	48.96	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	175678	51.67	ug/l	99
67) Ethyl Benzene	10.26	91	802064	50.48	ug/l	100
68) m/p-Xylenes	10.36	106	632040	101.46	ug/l	96
69) o-Xylene	10.70	106	307332	51.02	ug/l	96
70) Styrene	10.71	104	516852	52.16	ug/l	97
71) Bromoform	10.86	173	139170	52.68	ug/l #	99
73) Isopropylbenzene	11.02	105	808412	50.59	ug/l	100
74) N-amyl acetate	6.47	43	318411	46.92	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241072	51.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	268012	64.56	ug/l	81
77) Bromobenzene	11.26	156	223877	48.71	ug/l	98
78) n-propylbenzene	11.36	91	892421	50.24	ug/l	98
79) 2-Chlorotoluene	11.42	91	539908	50.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	674376	51.35	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	58776	40.68	ug/l	90
82) 4-Chlorotoluene	11.51	91	630626	49.91	ug/l	98
83) tert-Butylbenzene	11.77	119	643082	50.00	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	687862	51.47	ug/l	98
85) sec-Butylbenzene	11.95	105	774805	49.60	ug/l	99
86) p-Isopropyltoluene	12.07	119	696155	49.65	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	404468	47.87	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	403453	46.36	ug/l	99
89) n-Butylbenzene	12.39	91	566919	47.62	ug/l	99
90) Hexachloroethane	12.60	117	97255	48.80	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	410705	49.32	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46525	51.05	ug/l	88
93) 1,2,4-Trichlorobenzene	13.65	180	284917	46.69	ug/l	99

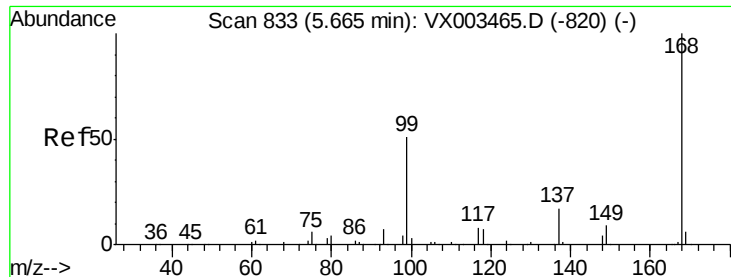
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
Data File : VX003542.D
Acq On : 21 Jul 2018 06:40
Operator : JC/SP
Sample : J4014-09MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Quant Time: Jul 21 07:01:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 19 17:09:44 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	127194	43.34	ug/l	98
95) Naphthalene	13.83	128	835345	52.09	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	287630	47.61	ug/l	100

(#) = 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: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

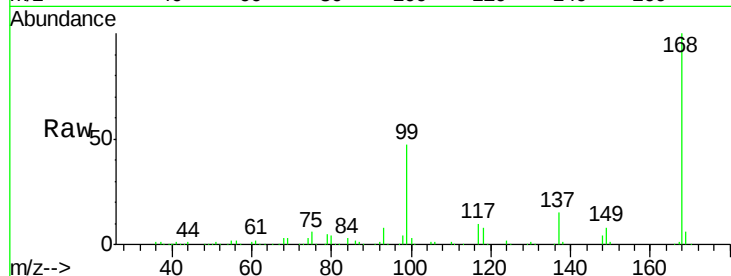
RE104D3-071318MSD

Tot Ion:168 Resp: 300817

Ion Ratio Lower Upper

168 100

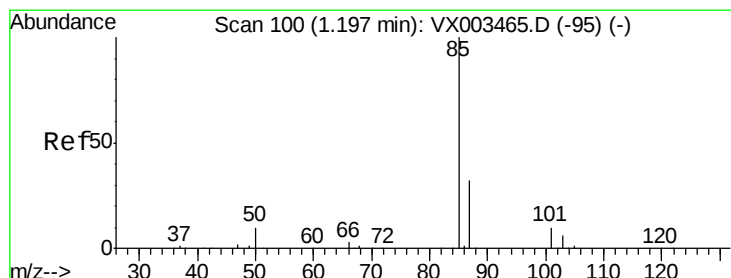
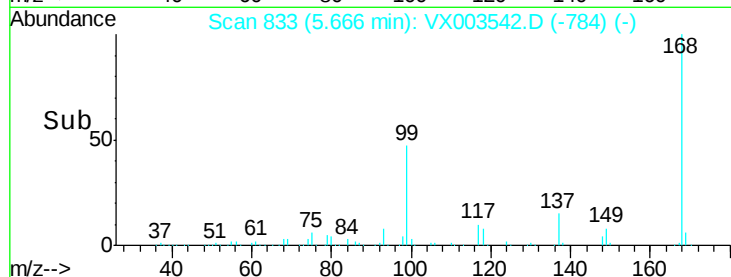
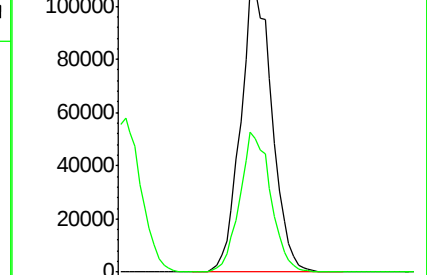
99 47.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67



#2

Dichlorodifluoromethane

Concen: 52.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003542.D

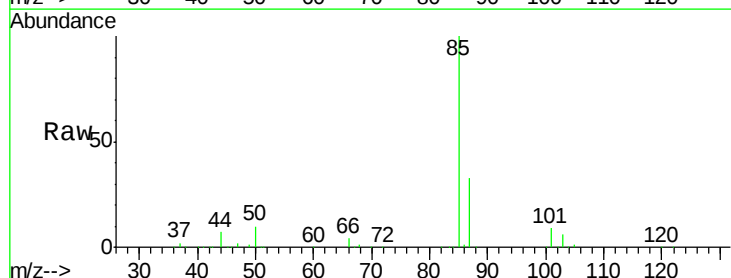
Acq: 21 Jul 2018 06:40

Tgt Ion: 85 Resp: 124185

Ion Ratio Lower Upper

85 100

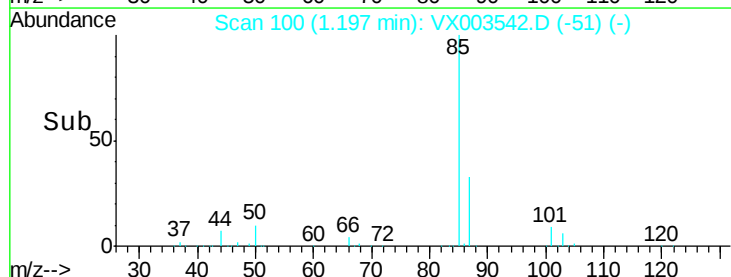
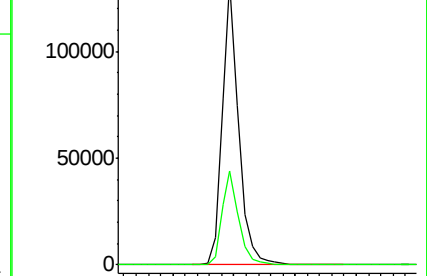
87 33.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20





#3

Chloromethane

Concen: 59.69 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

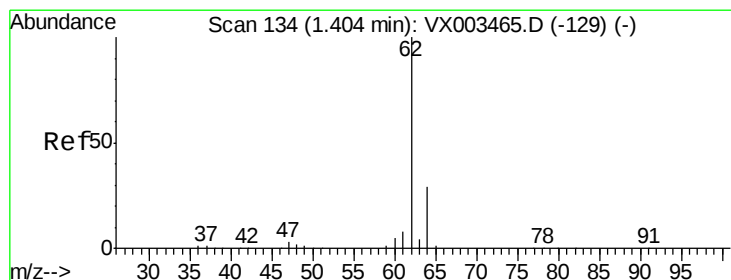
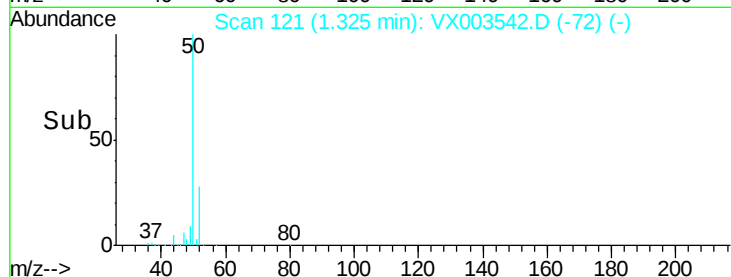
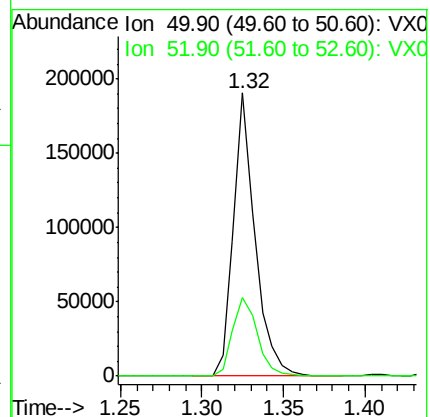
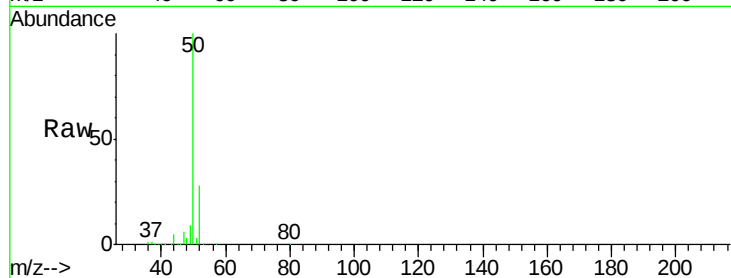
RE104D3-071318MSD

Tot Ion: 50 Resp: 176026

Ion Ratio Lower Upper

50 100

52 27.7 25.7 38.5



#4

Vinyl Chloride

Concen: 49.19 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003542.D

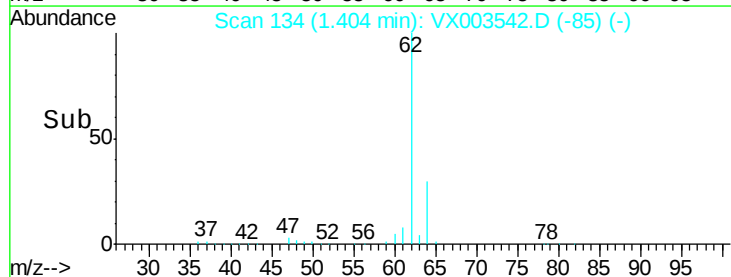
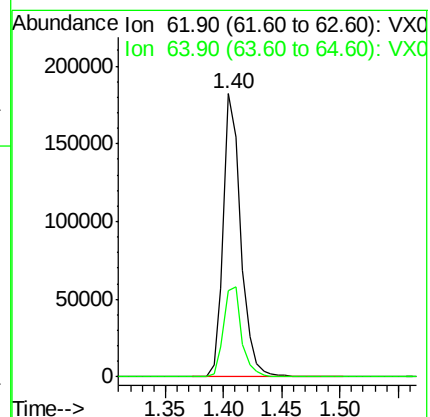
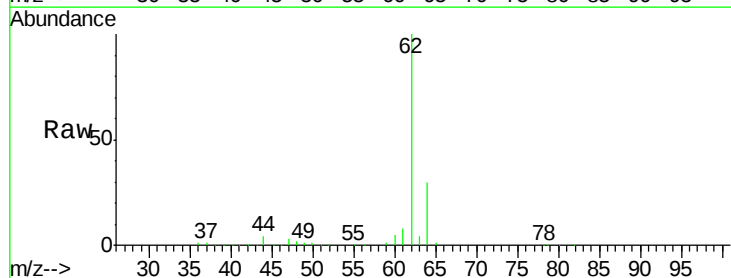
Acq: 21 Jul 2018 06:40

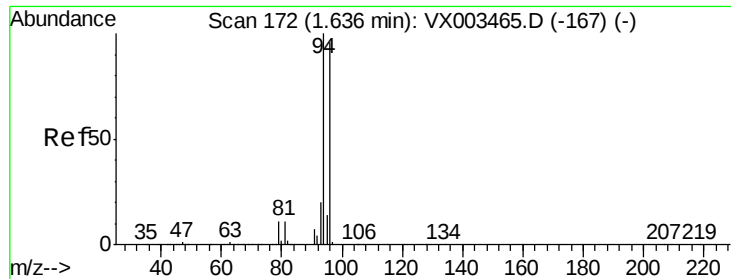
Tgt Ion: 62 Resp: 187970

Ion Ratio Lower Upper

62 100

64 30.4 25.4 38.2





#5

Bromomethane

Concen: 50.63 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

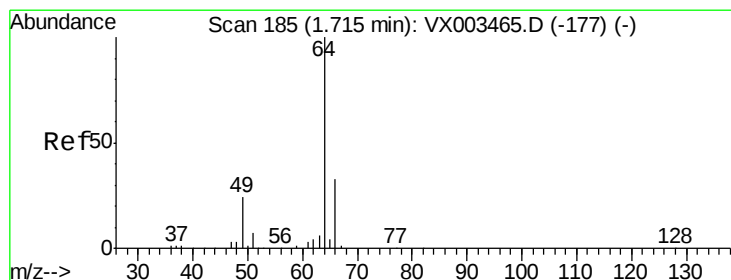
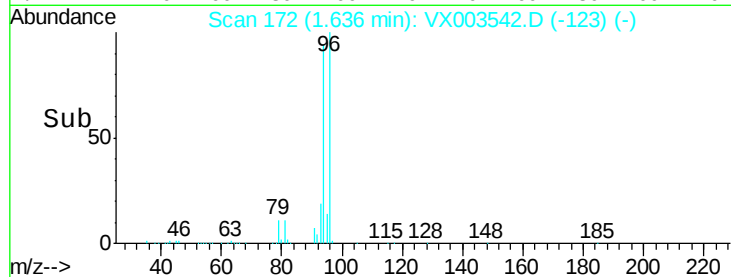
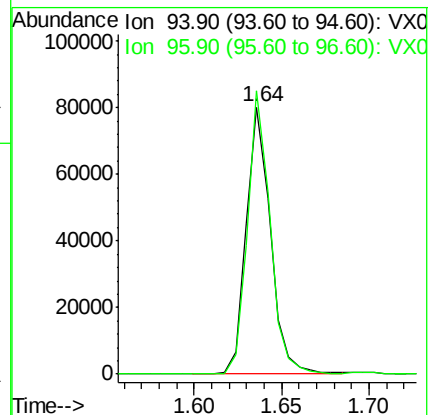
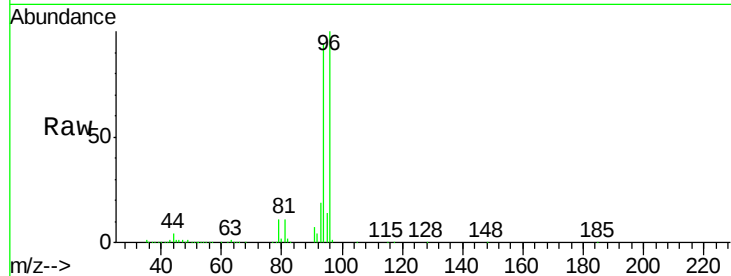
RE104D3-071318MSD

Tot Ion: 94 Resp: 76926

Ion Ratio Lower Upper

94 100

96 106.2 74.9 112.3



#6

Chloroethane

Concen: 55.10 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003542.D

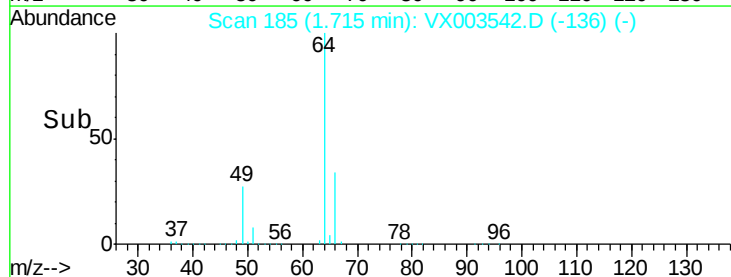
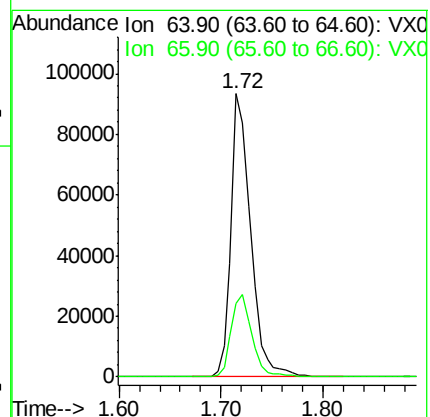
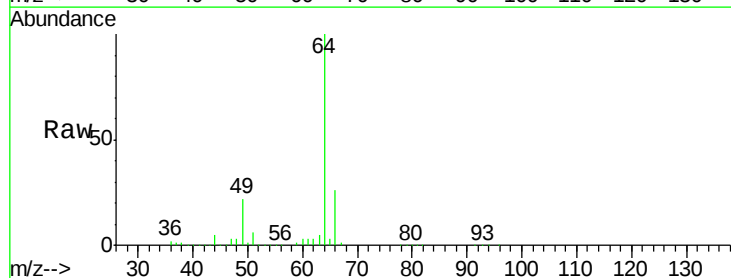
Acq: 21 Jul 2018 06:40

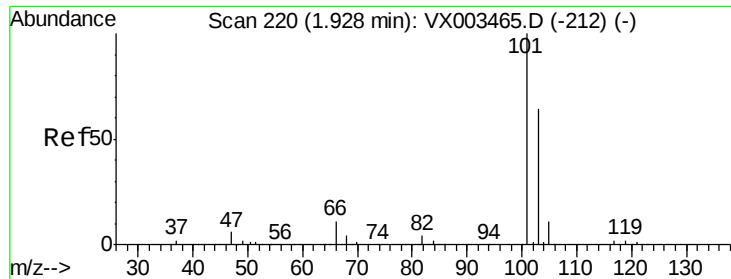
Tgt Ion: 64 Resp: 124589

Ion Ratio Lower Upper

64 100

66 26.0 25.5 38.3



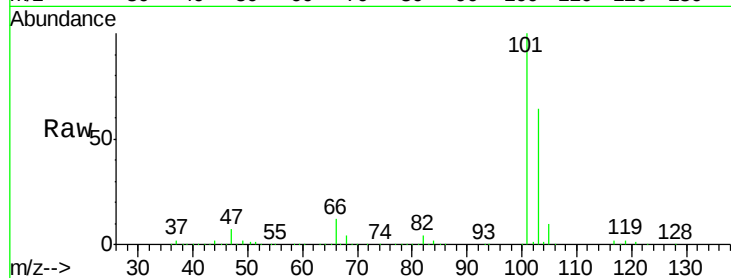


#7

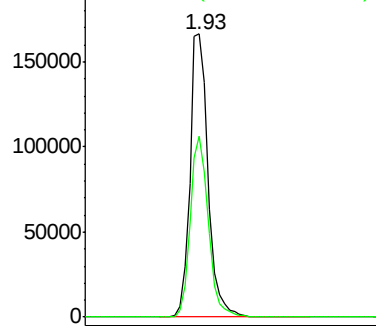
Trichlorofluoromethane
Concen: 50.78 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

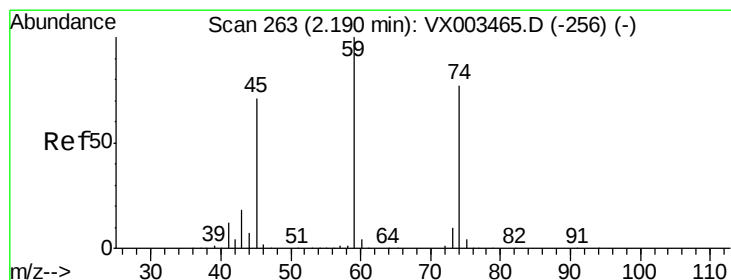
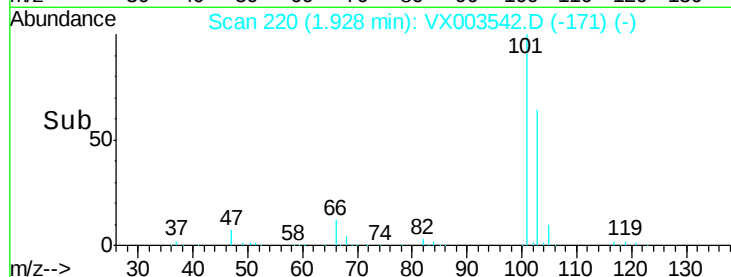
Tot Ion:101 Resp: 258912
Ion Ratio Lower Upper
101 100
103 63.9 52.8 79.2



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



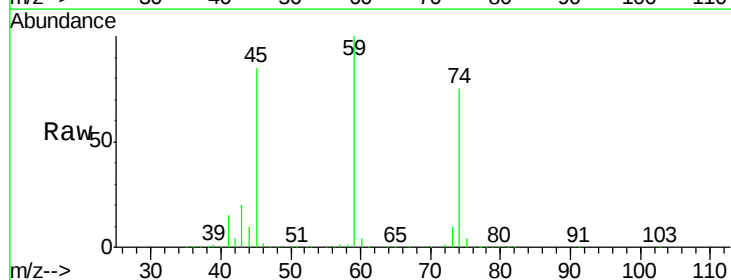
Time--> 1.80 1.90 2.00 2.10



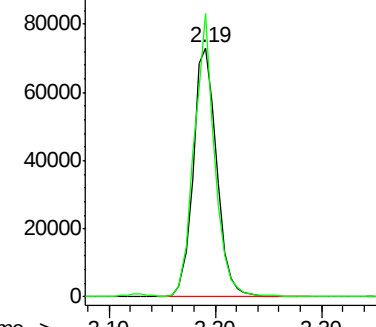
#8

Diethyl Ether
Concen: 51.40 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

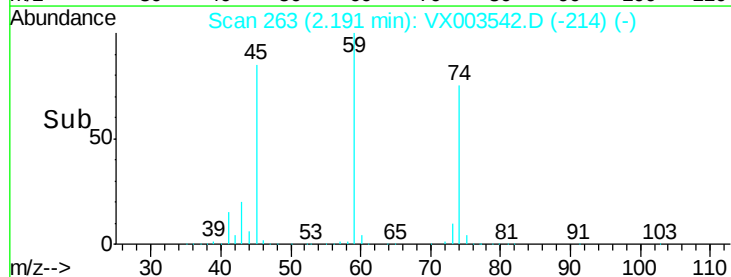
Tgt Ion: 74 Resp: 112540
Ion Ratio Lower Upper
74 100
45 98.8 53.1 159.4

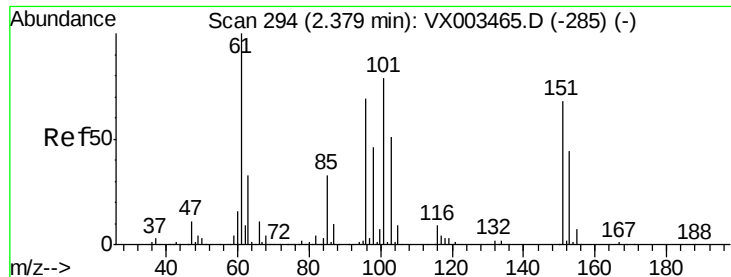


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.20 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.48 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

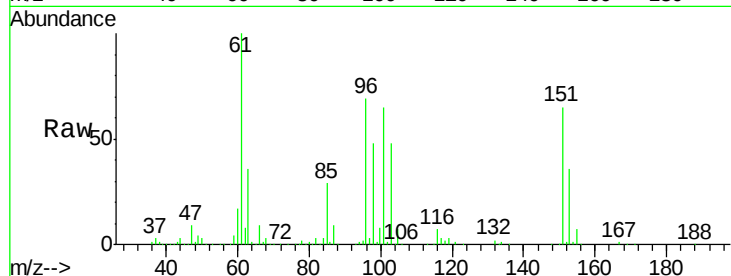
Tot Ion:101 Resp: 155089

Ion Ratio Lower Upper

101 100

85 42.2 36.0 54.0

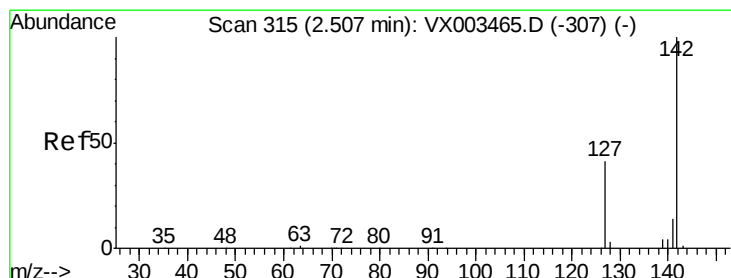
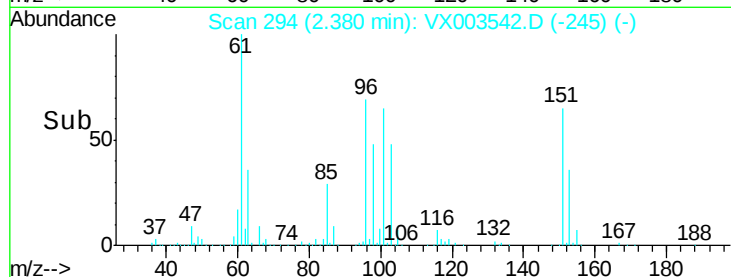
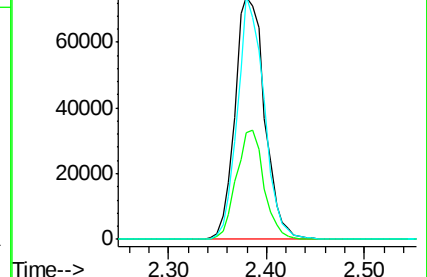
151 90.5 70.9 106.3



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: 58.07 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

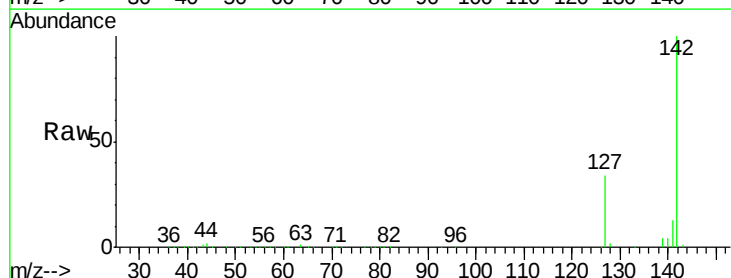
Tgt Ion:142 Resp: 232770

Ion Ratio Lower Upper

142 100

127 39.6 36.6 55.0

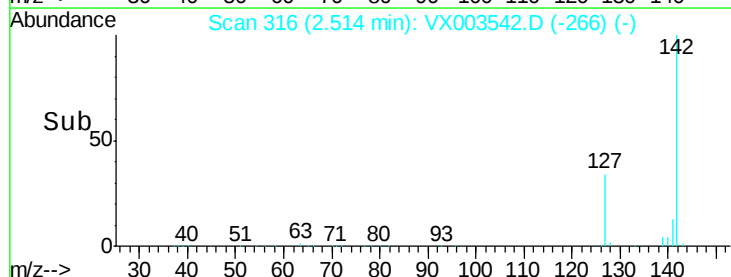
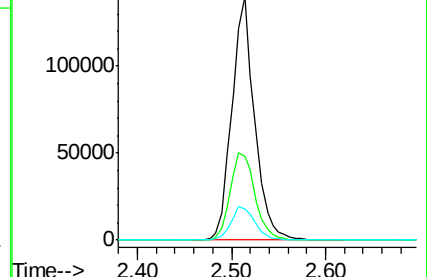
141 14.5 11.3 16.9

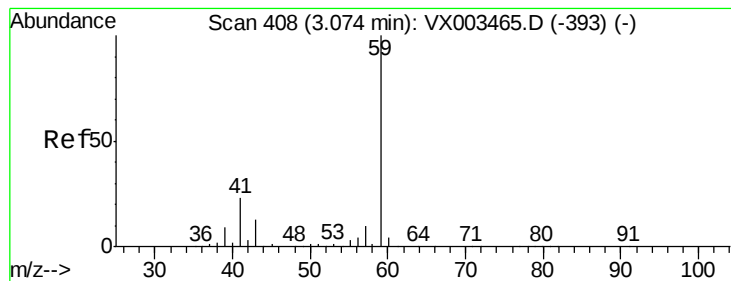


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



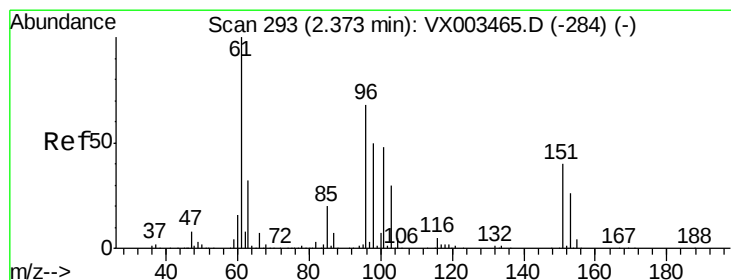
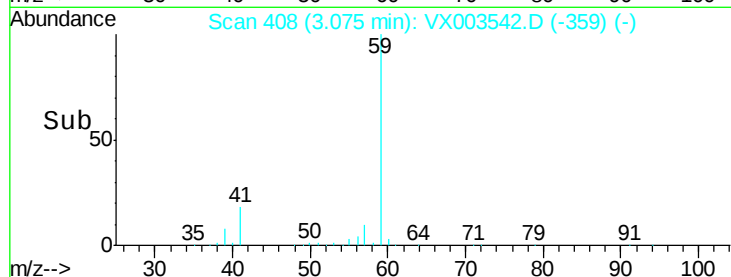
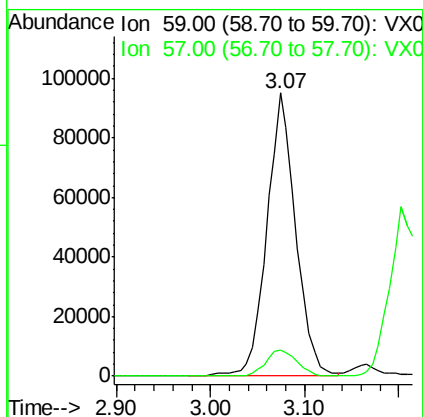
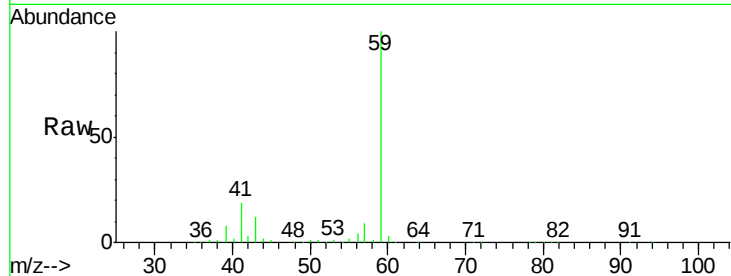


#11

Tert butyl alcohol
 Concen: 288.18 ug/l
 RT: 3.07 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

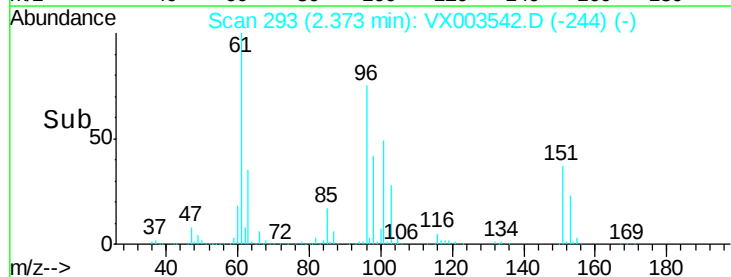
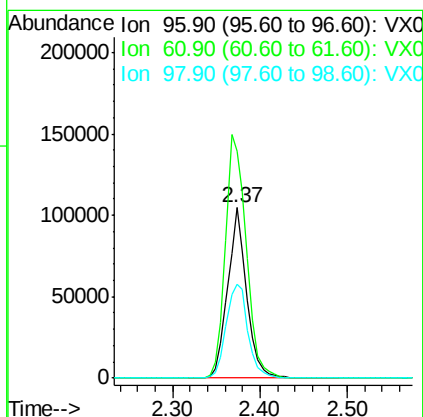
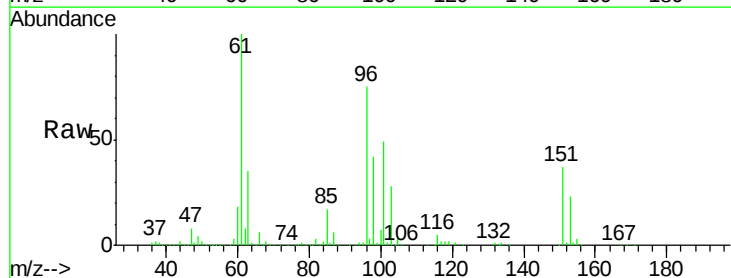
Tot Ion: 59 Resp: 203061
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.2 12.2

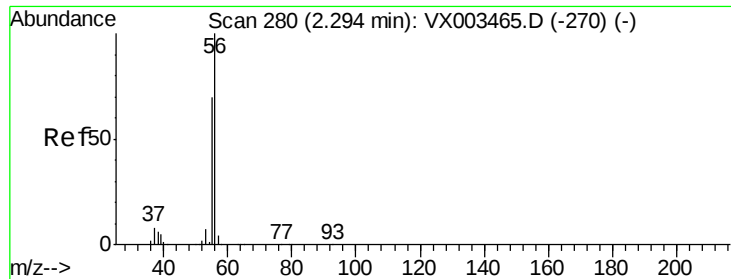


#12

1,1-Dichloroethene
 Concen: 51.20 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 96 Resp: 157318
 Ion Ratio Lower Upper
 96 100
 61 132.8 137.9 206.9#
 98 55.1 51.6 77.4





#13

Acrolein

Concen: 227.07 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

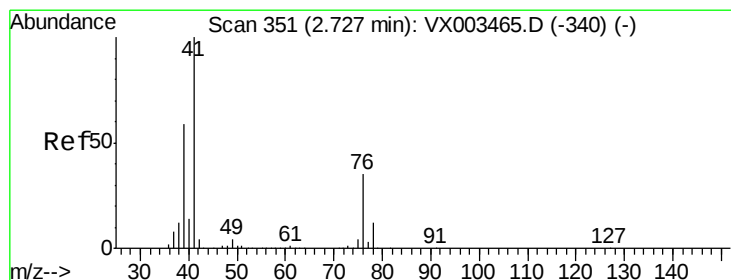
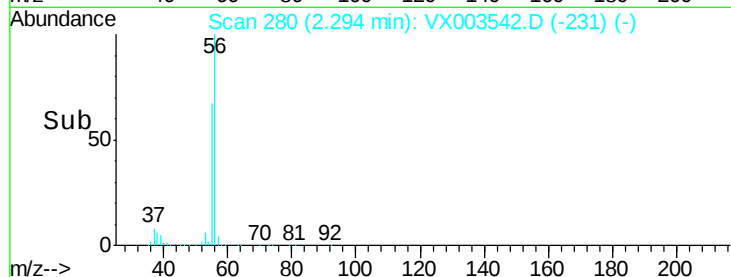
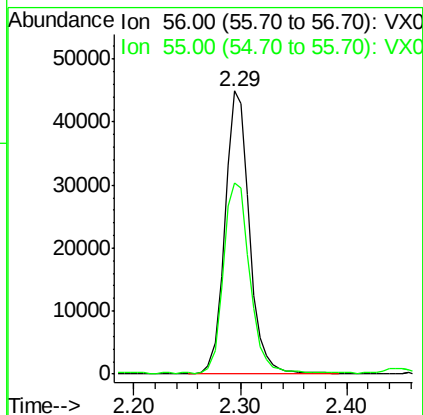
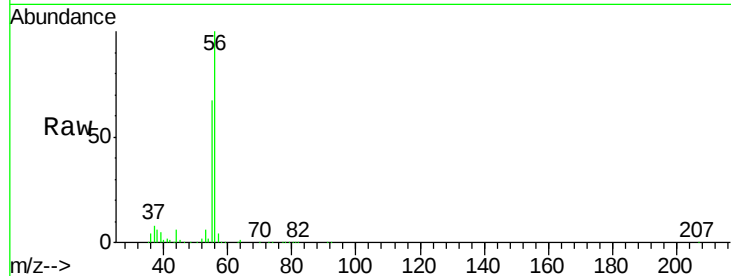
RE104D3-071318MSD

Tot Ion: 56 Resp: 72292

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 52.18 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

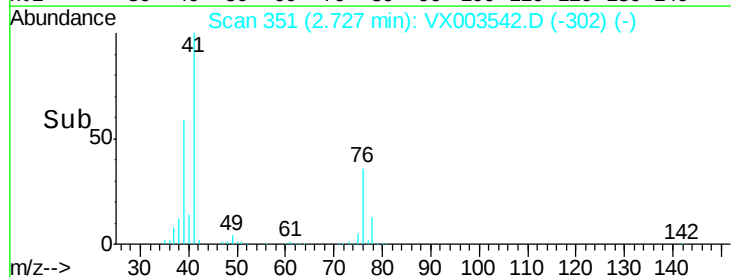
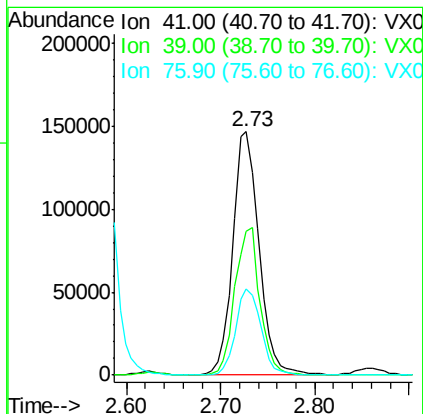
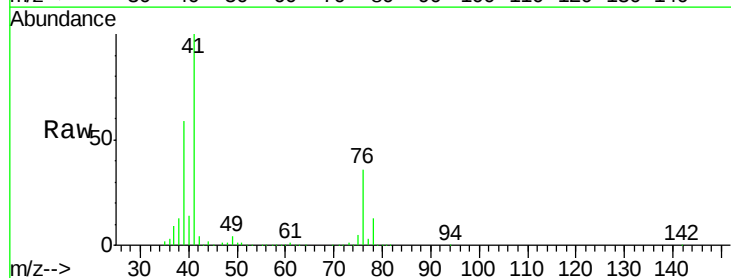
Tgt Ion: 41 Resp: 283779

Ion Ratio Lower Upper

41 100

39 58.0 56.8 85.2

76 34.2 23.8 35.8





#15

Acrylonitrile

Concen: 282.95 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

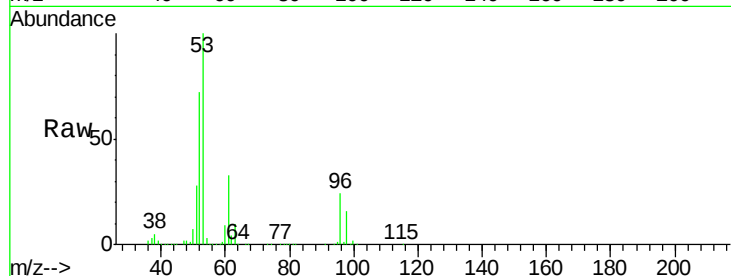
Tot Ion: 53 Resp: 507592

Ion Ratio Lower Upper

53 100

52 80.9 66.7 100.1

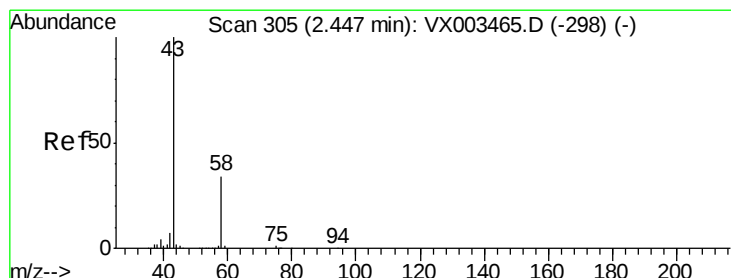
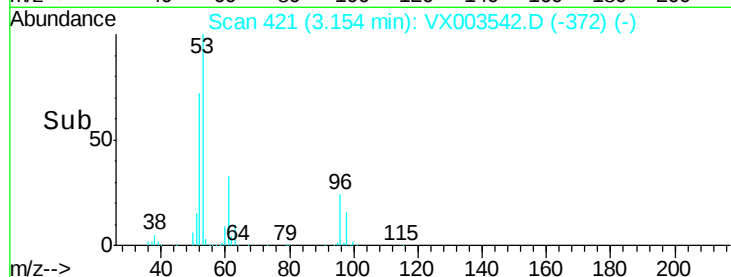
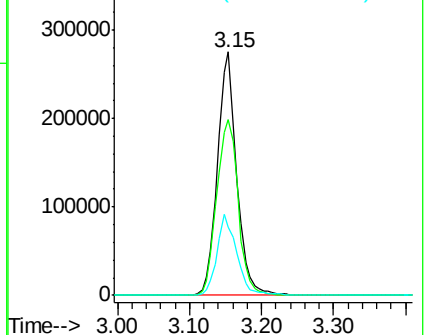
51 34.3 29.9 44.9



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: 294.76 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003542.D

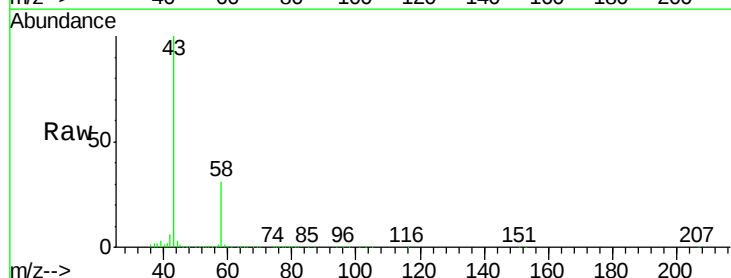
Acq: 21 Jul 2018 06:40

Tgt Ion: 43 Resp: 396463

Ion Ratio Lower Upper

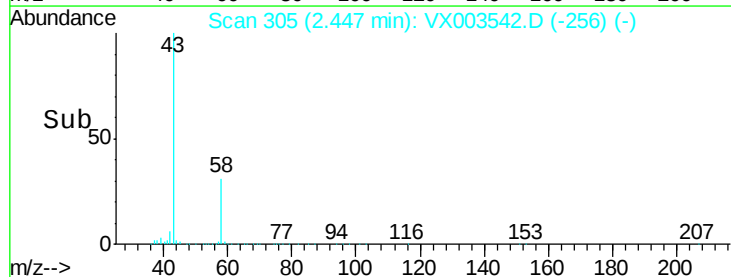
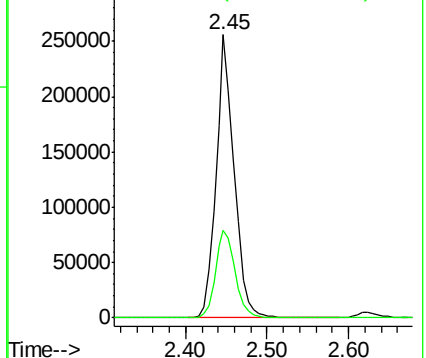
43 100

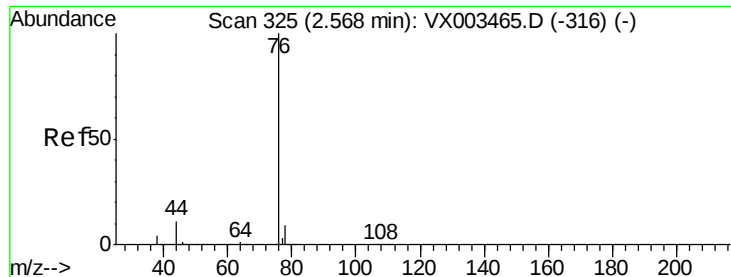
58 30.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

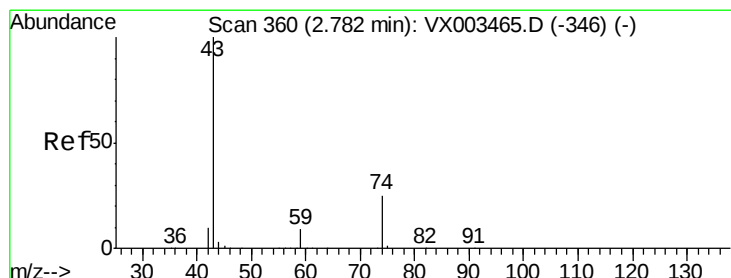
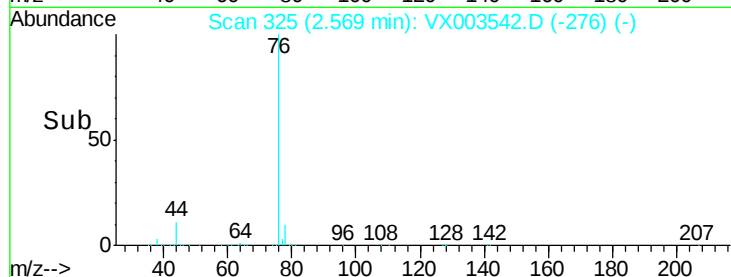
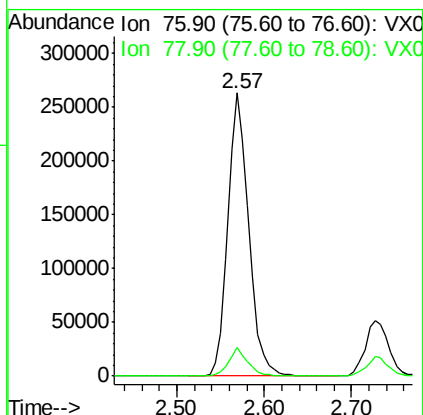
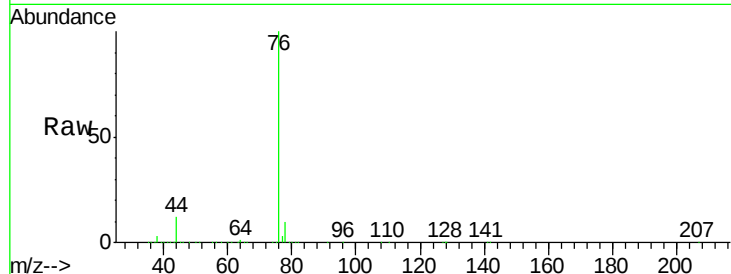




#17
Carbon Disulfide
Concen: 52.68 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

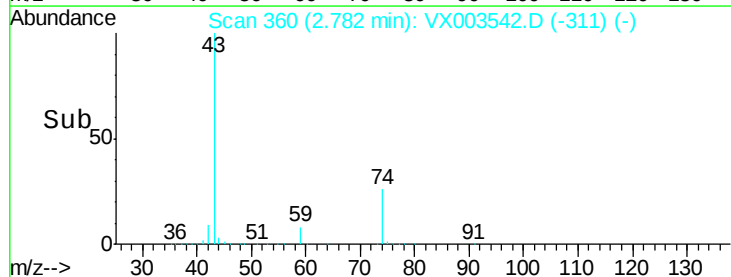
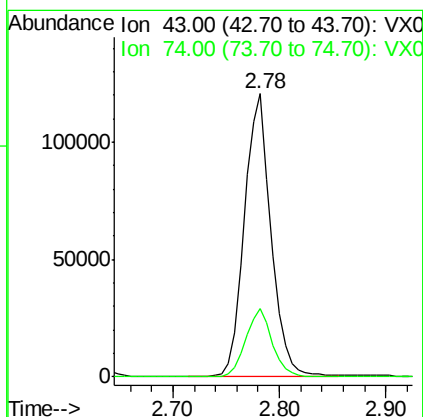
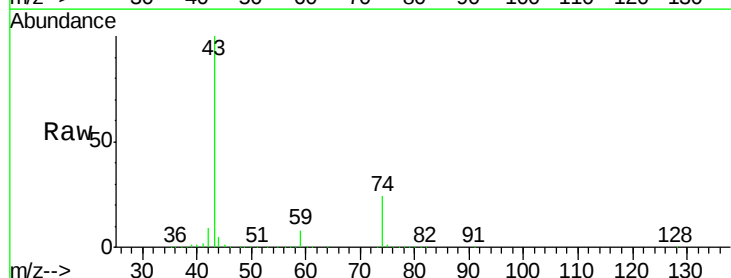
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

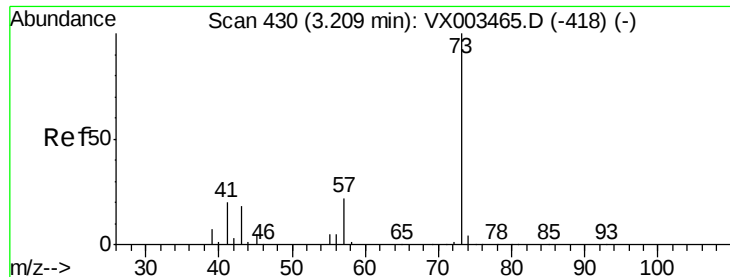
Tot Ion: 76 Resp: 437729
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3



#18
Methyl Acetate
Concen: 49.87 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 43 Resp: 211455
Ion Ratio Lower Upper
43 100
74 24.3 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 55.67 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

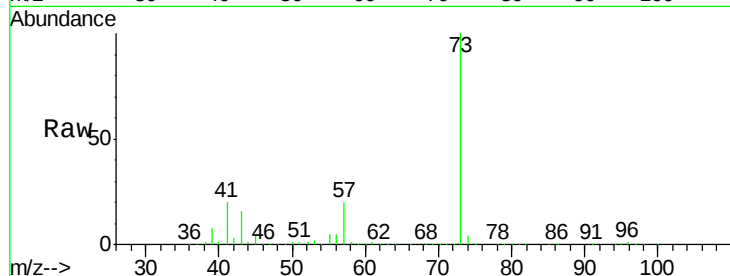
RE104D3-071318MSD

Tot Ion: 73 Resp: 558537

Ion Ratio Lower Upper

73 100

57 19.9 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

250000

200000

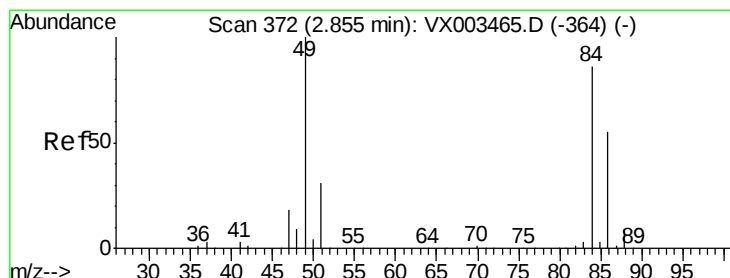
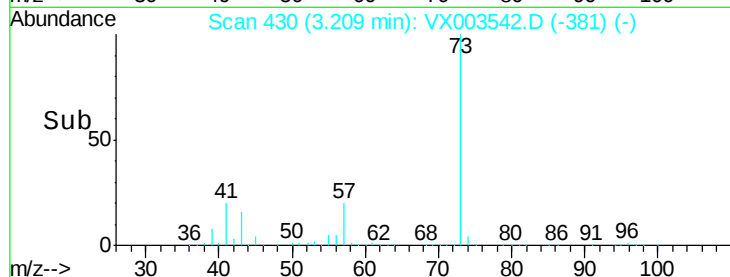
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 55.30 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Tgt Ion: 84 Resp: 181560

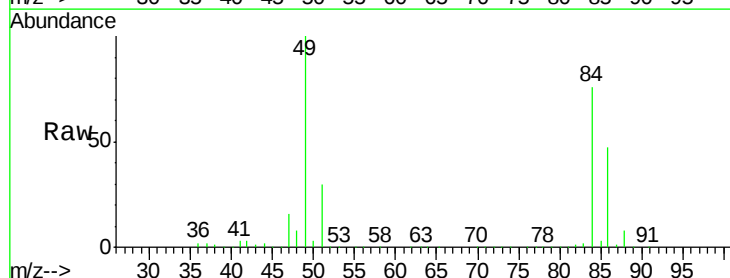
Ion Ratio Lower Upper

84 100

49 131.5 107.8 161.6

51 39.8 32.8 49.2

86 62.1 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

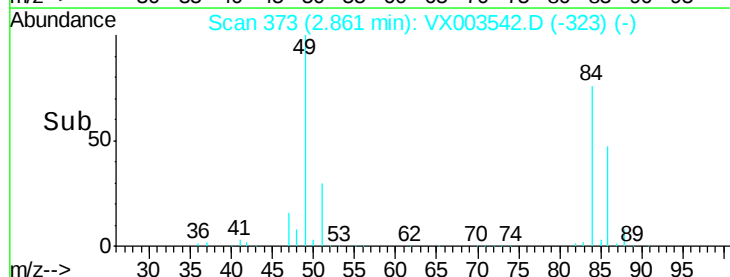
150000

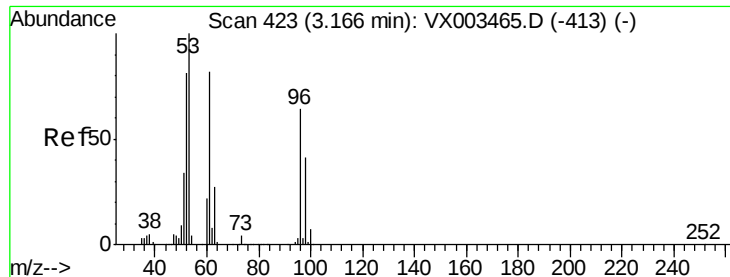
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 50.89 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

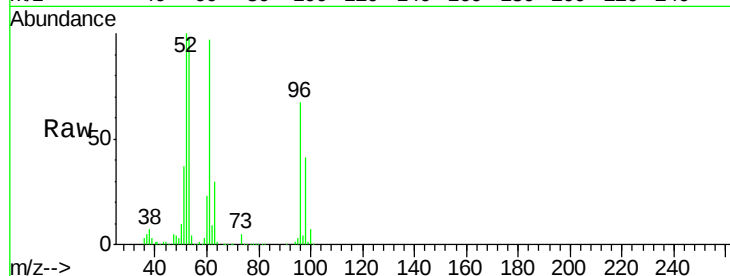
Tot Ion: 96 Resp: 173955

Ion Ratio Lower Upper

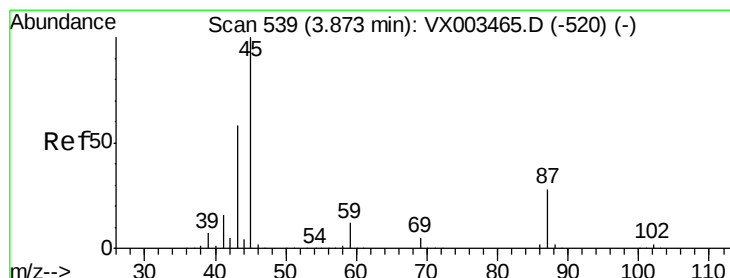
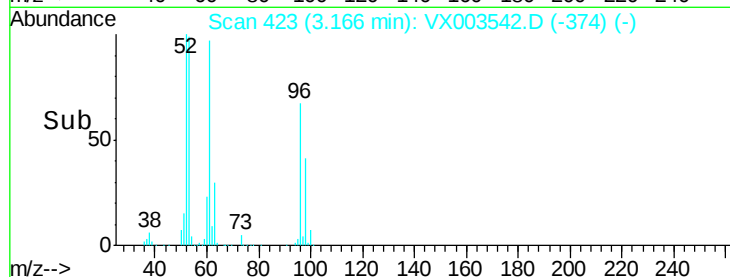
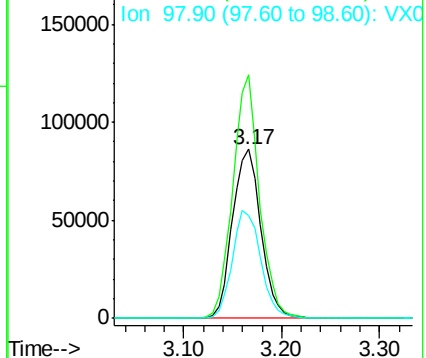
96 100

61 144.0 117.0 175.4

98 60.8 52.4 78.6



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: 57.16 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Tgt Ion: 45 Resp: 585011

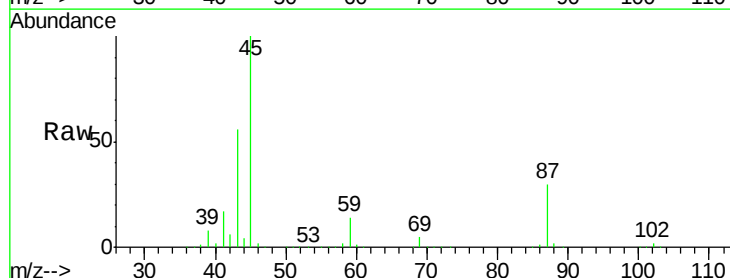
Ion Ratio Lower Upper

45 100

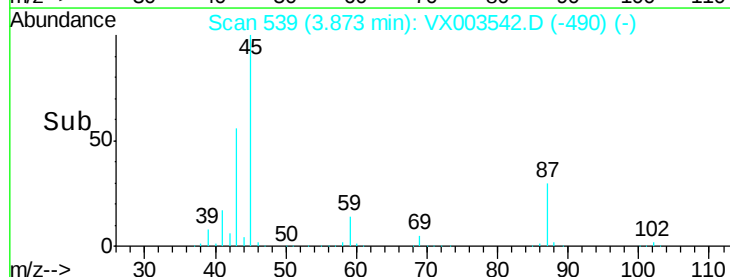
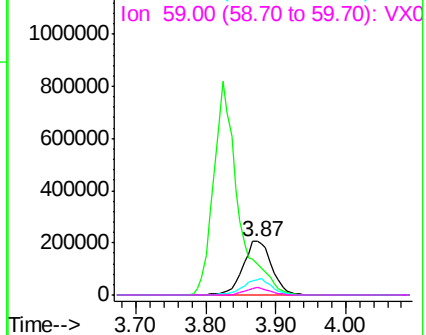
43 56.2 46.8 70.2

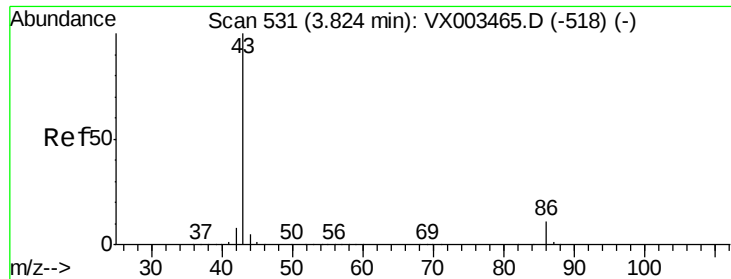
87 29.9 20.2 30.4

59 13.7 8.7 13.1#



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: 237.88 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

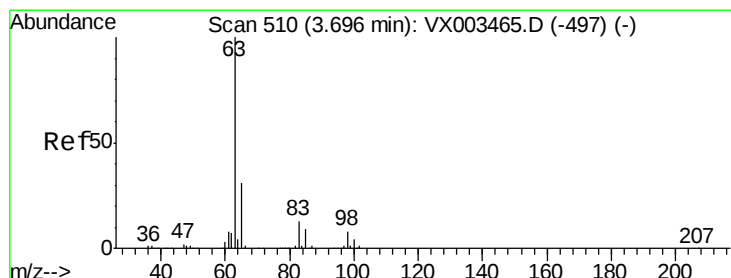
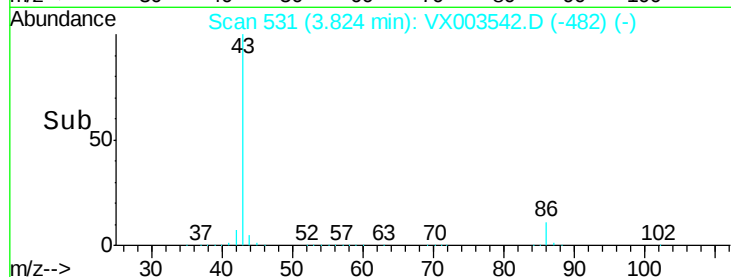
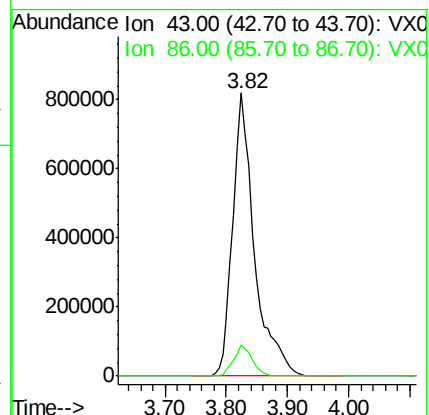
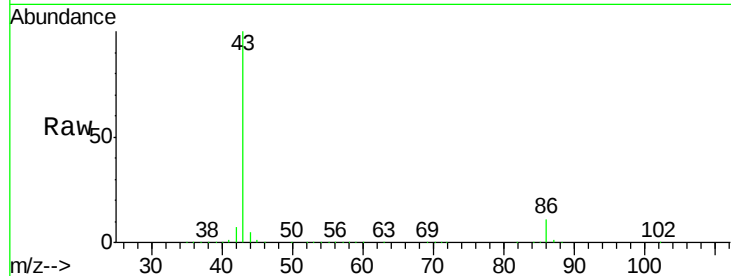
RE104D3-071318MSD

Tot Ion: 43 Resp: 2005388

Ion Ratio Lower Upper

43 100

86 10.9 7.4 11.0



#24

1,1-Dichloroethane

Concen: 57.14 ug/l

RT: 3.69 min Scan# 509

Delta R.T. -0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

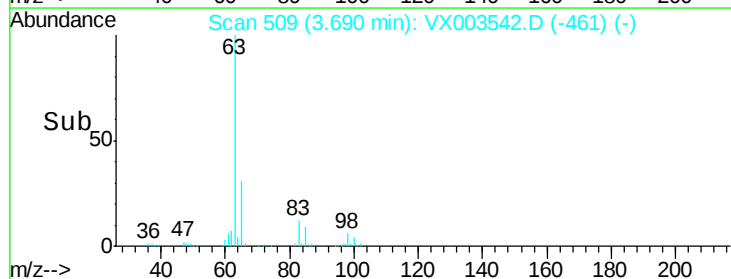
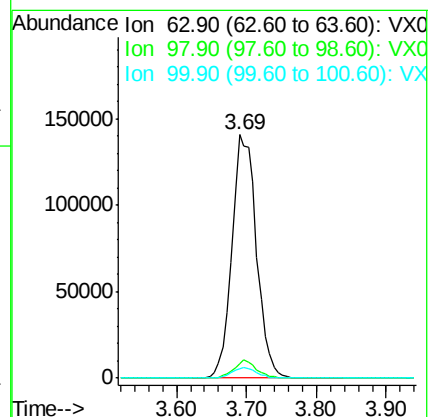
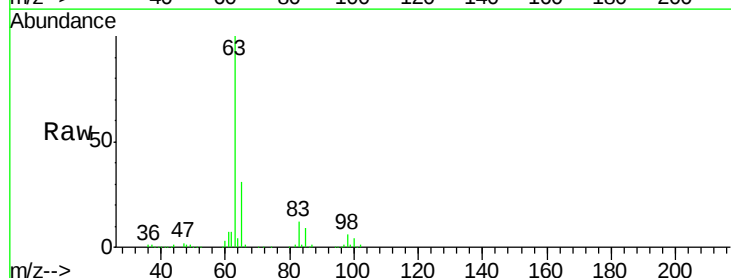
Tgt Ion: 63 Resp: 343090

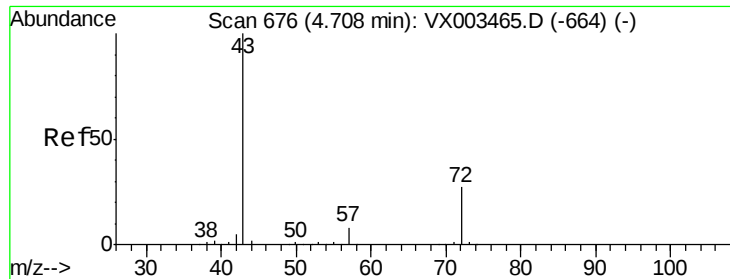
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.2

100 3.9 2.0 6.0





#25

2-Butanone

Concen: 289.39 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

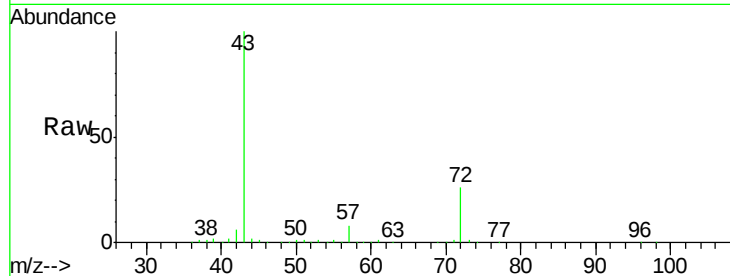
RE104D3-071318MSD

Tot Ion: 43 Resp: 653063

Ion Ratio Lower Upper

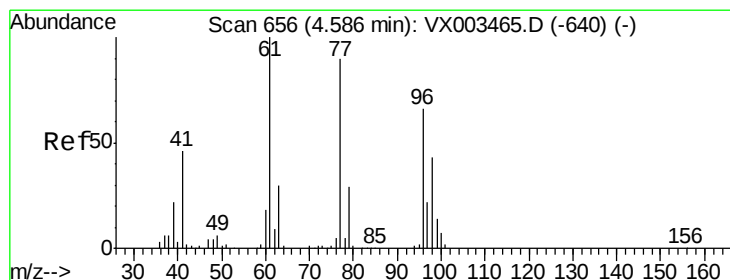
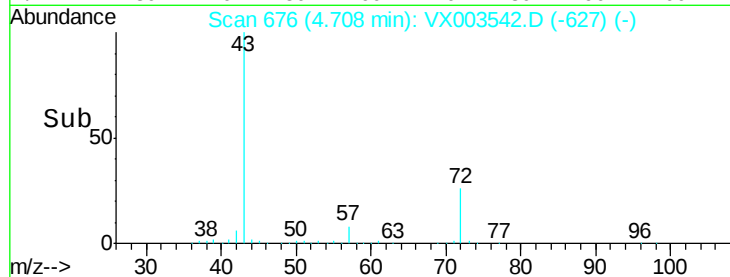
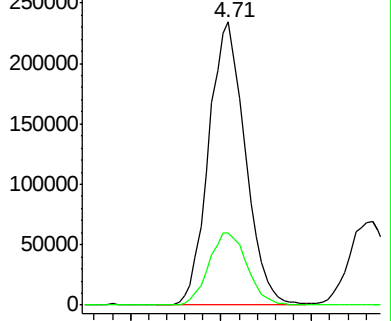
43 100

72 25.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 31.69 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003542.D

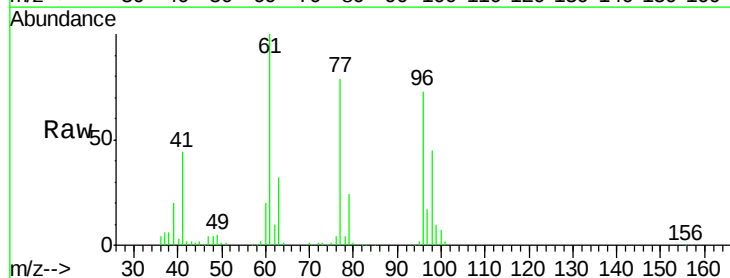
Acq: 21 Jul 2018 06:40

Tgt Ion: 77 Resp: 144533

Ion Ratio Lower Upper

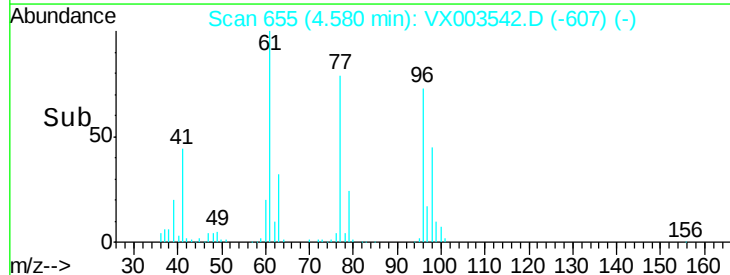
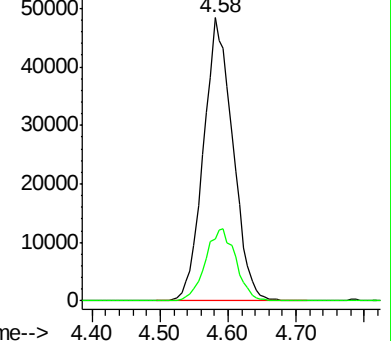
77 100

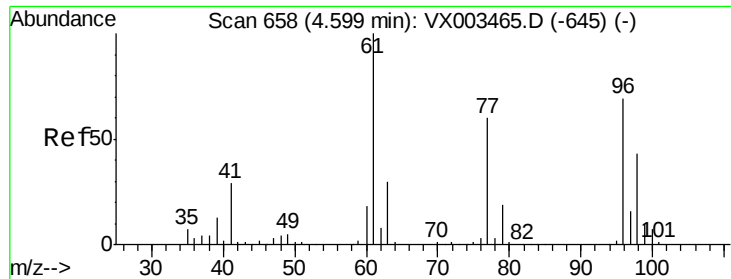
97 26.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



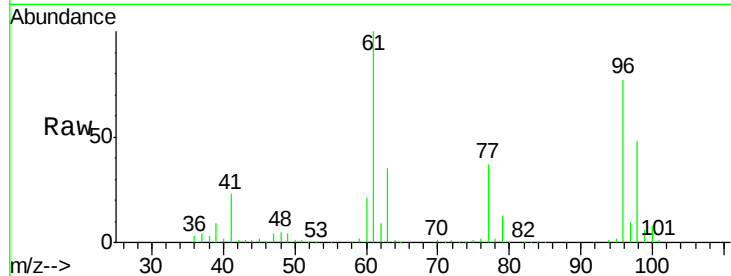


#27

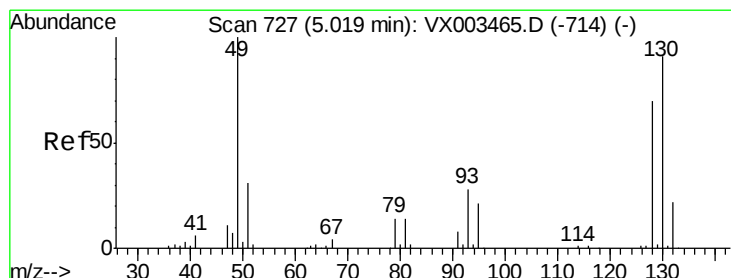
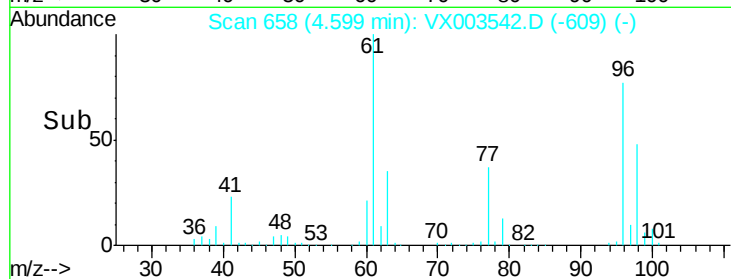
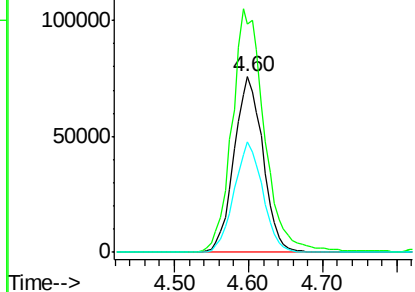
cis-1,2-Dichloroethene
Concen: 54.32 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Tot Ion: 96 Resp: 206762
Ion Ratio Lower Upper
96 100
61 154.7 0.0 330.2
98 62.1 0.0 130.2



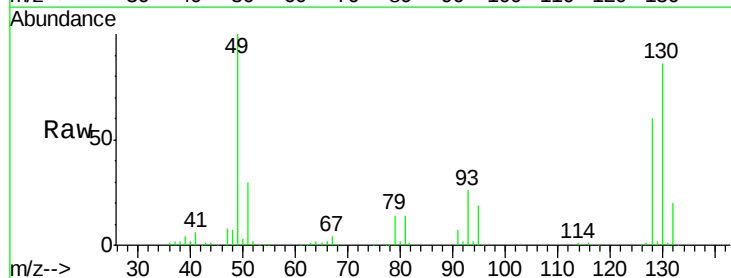
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



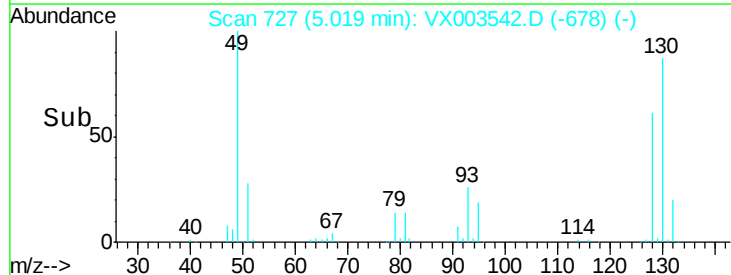
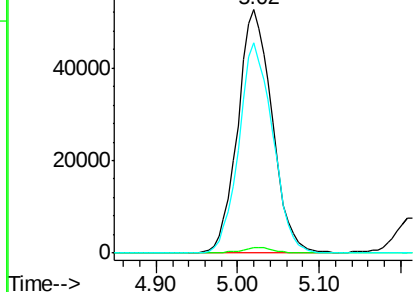
#28

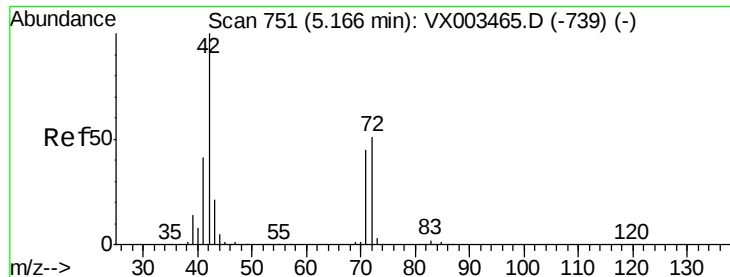
Bromochloromethane
Concen: 58.50 ug/l
RT: 5.02 min Scan# 727
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 49 Resp: 153532
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.2
130 85.4 61.2 91.8



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





#29

Tetrahydrofuran

Concen: 284.59 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

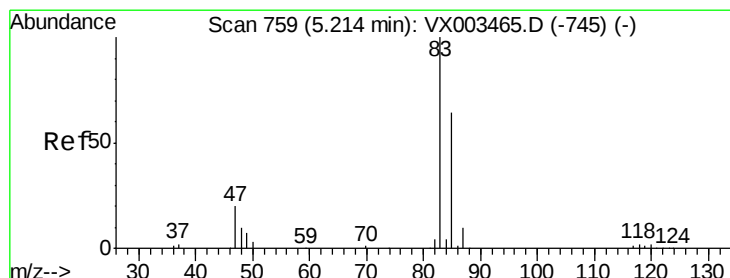
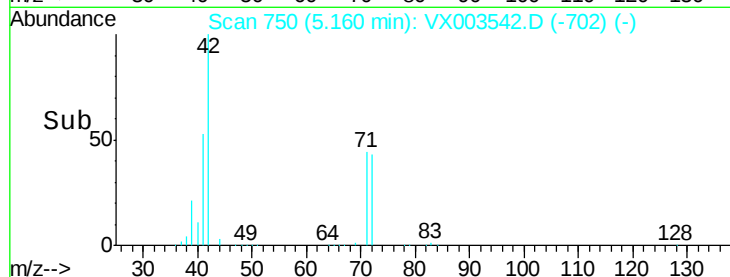
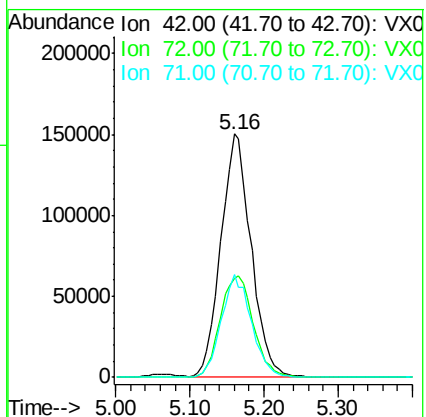
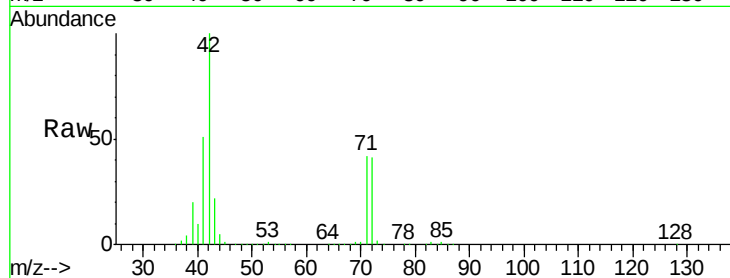
Tot Ion: 42 Resp: 424254

Ion Ratio Lower Upper

42 100

72 45.7 32.0 48.0

71 42.2 30.1 45.1



#30

Chloroform

Concen: 57.17 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003542.D

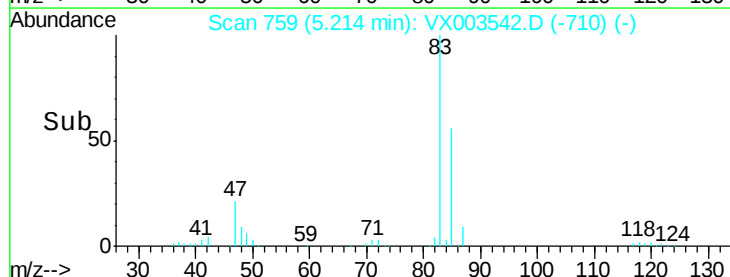
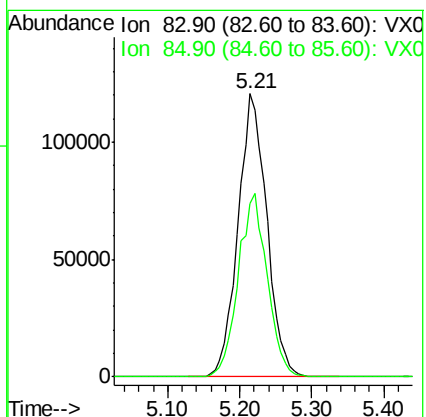
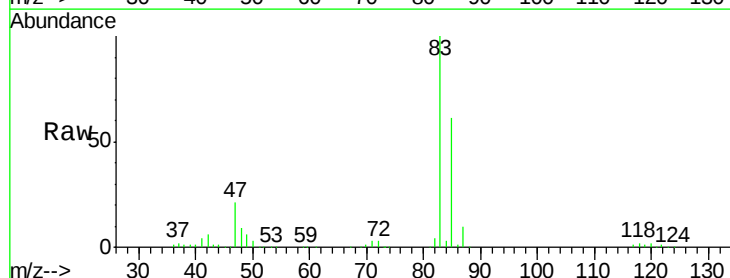
Acq: 21 Jul 2018 06:40

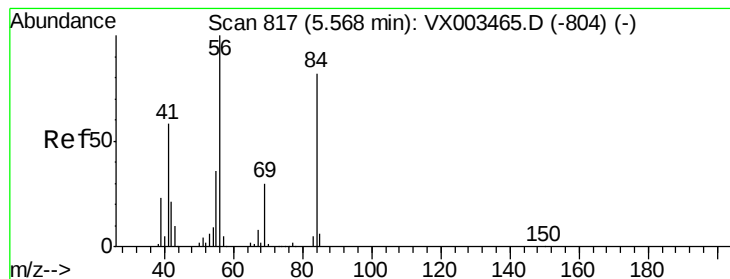
Tgt Ion: 83 Resp: 335213

Ion Ratio Lower Upper

83 100

85 61.2 50.4 75.6





#31

Cyclohexane

Concen: 50.28 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

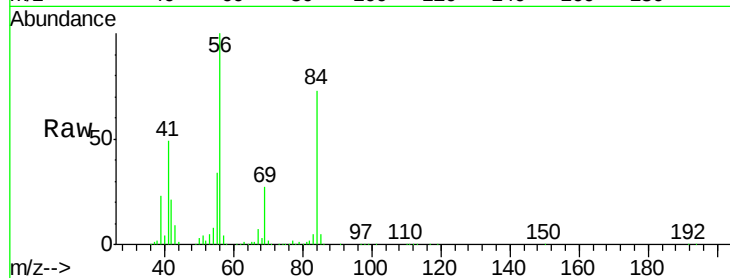
Tot Ion: 56 Resp: 269733

Ion Ratio Lower Upper

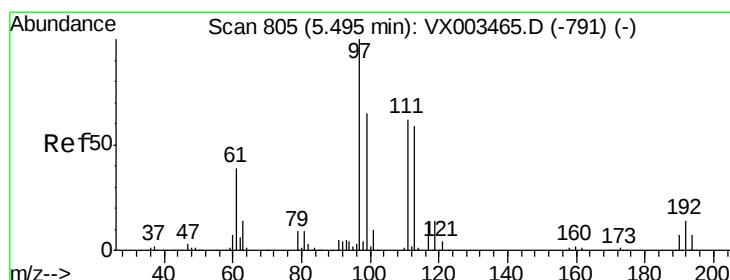
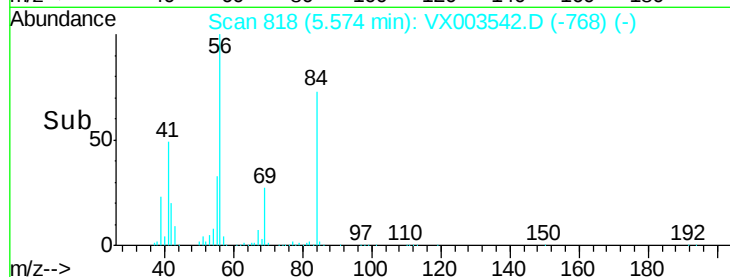
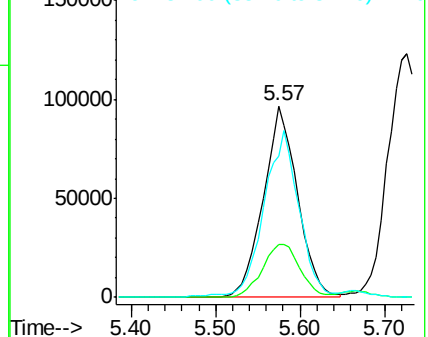
56 100

69 27.5 23.7 35.5

84 72.9 64.1 96.1



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: 55.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

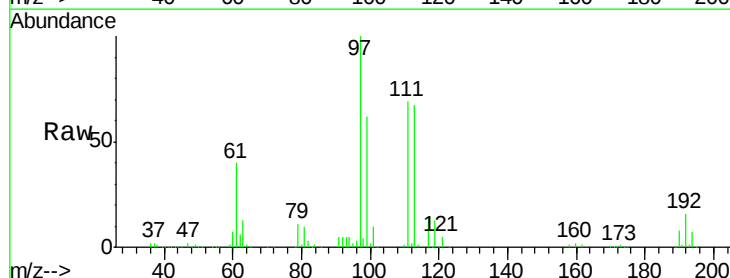
Tgt Ion: 97 Resp: 278316

Ion Ratio Lower Upper

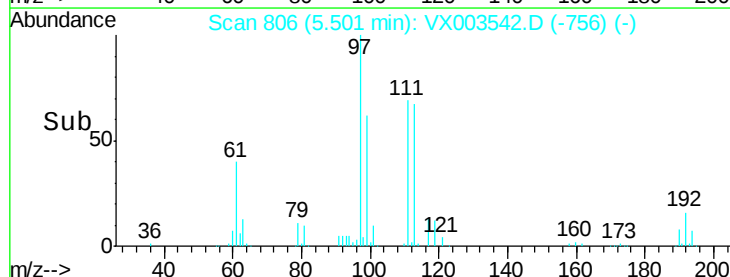
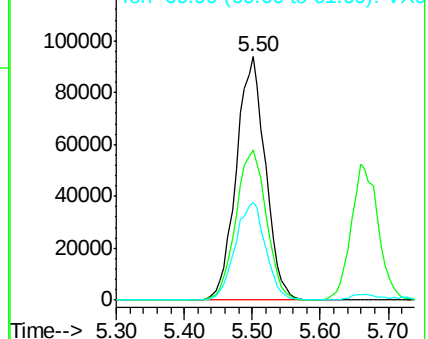
97 100

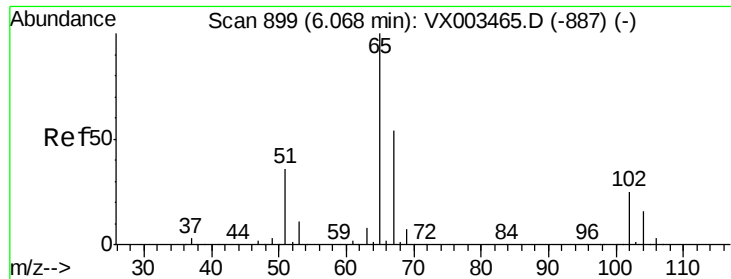
99 64.8 51.6 77.4

61 41.9 36.4 54.6



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

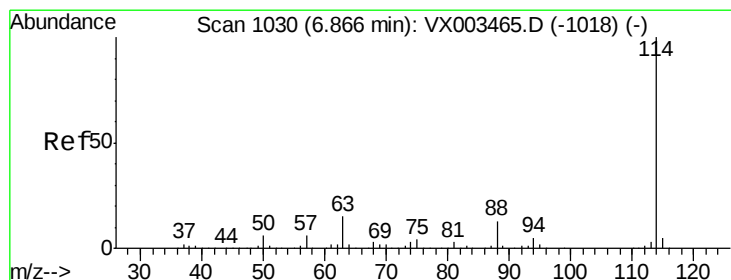
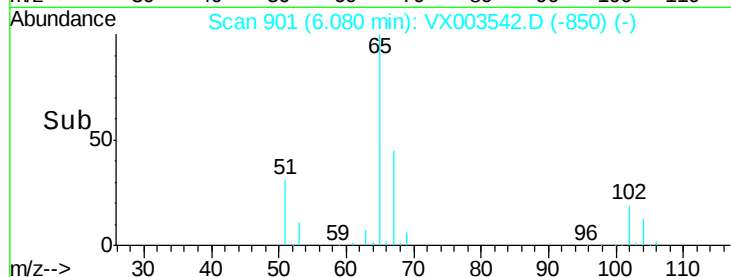
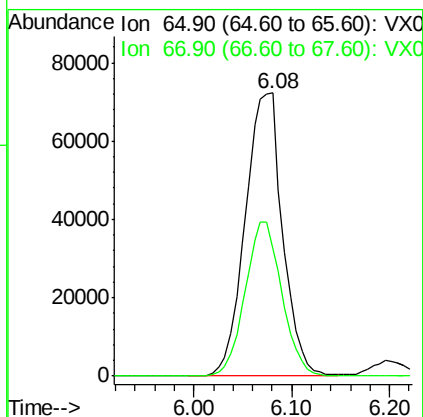
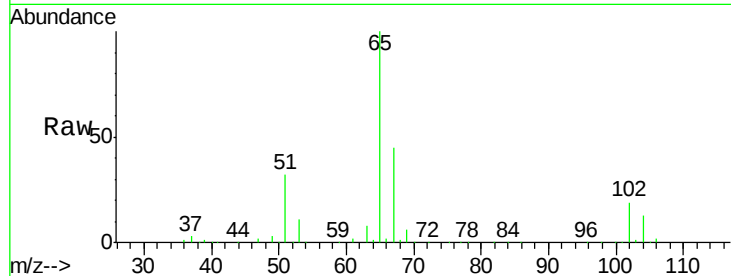




#33
 1,2-Dichloroethane-d4
 Concen: 53.81 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

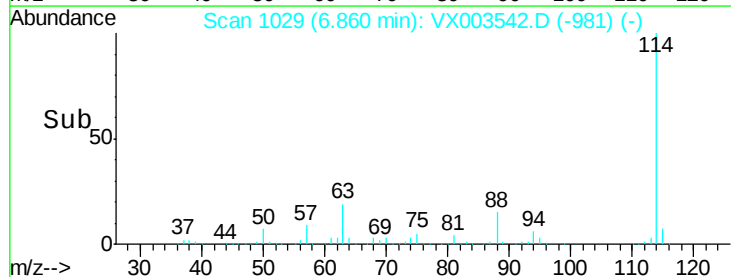
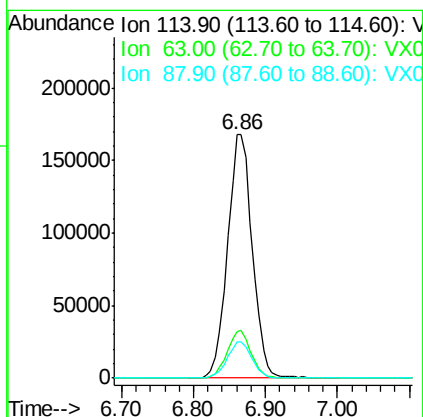
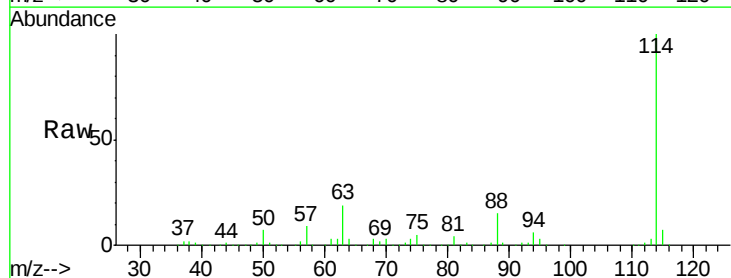
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

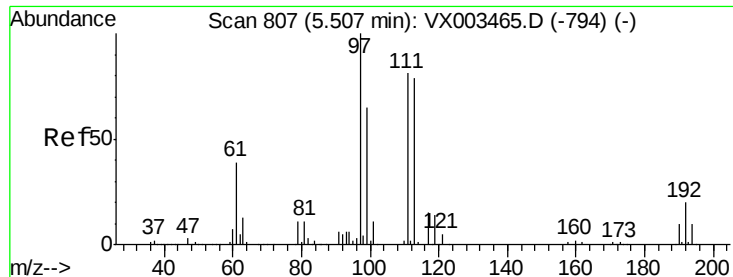
Tot Ion: 65 Resp: 191626
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 114 Resp: 400670
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 14.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 59.23 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

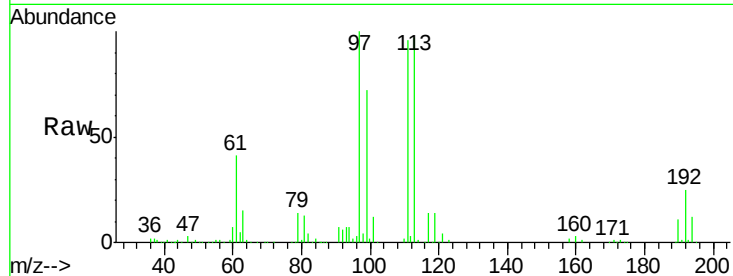
Tot Ion:113 Resp: 180771

Ion Ratio Lower Upper

113 100

111 104.9 81.4 122.0

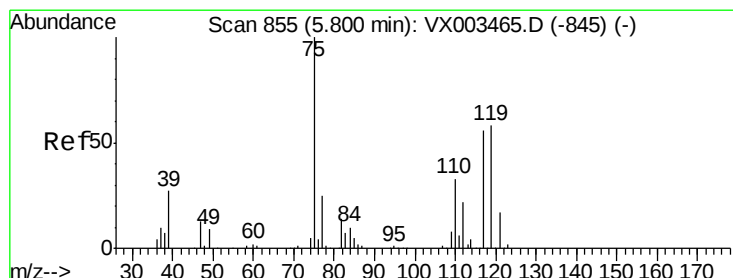
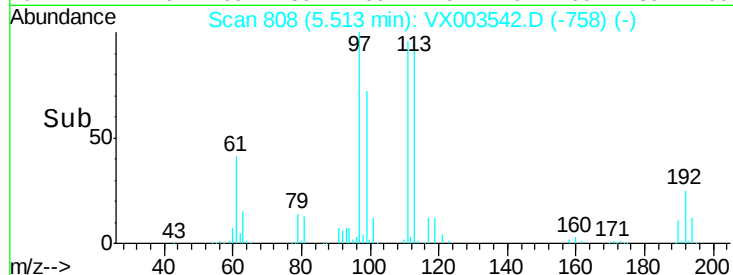
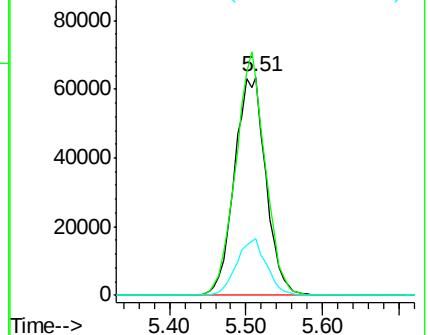
192 24.7 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 52.94 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

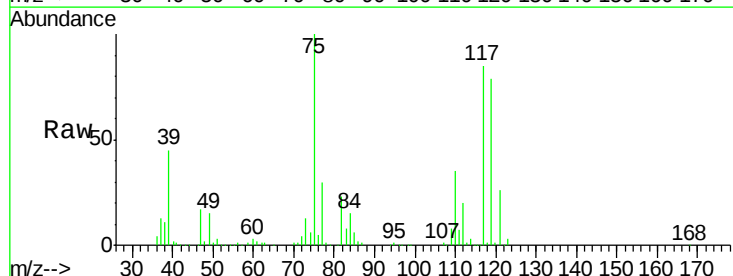
Tgt Ion: 75 Resp: 229018

Ion Ratio Lower Upper

75 100

110 38.0 18.1 54.4

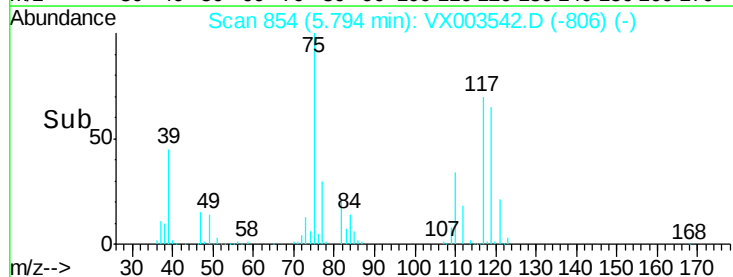
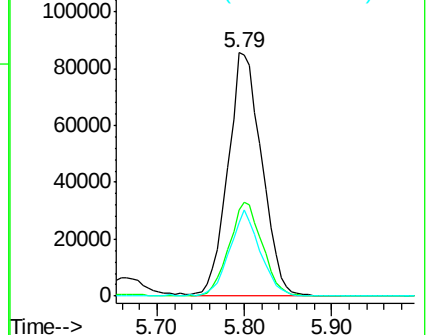
77 31.8 24.3 36.5

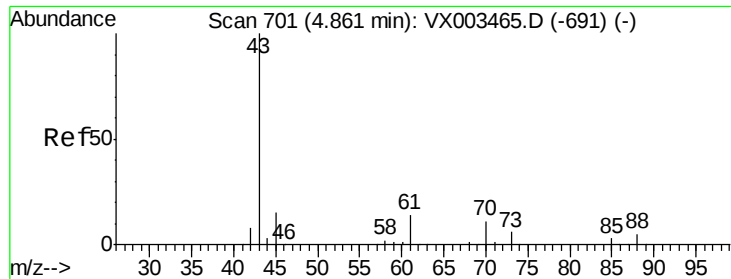


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

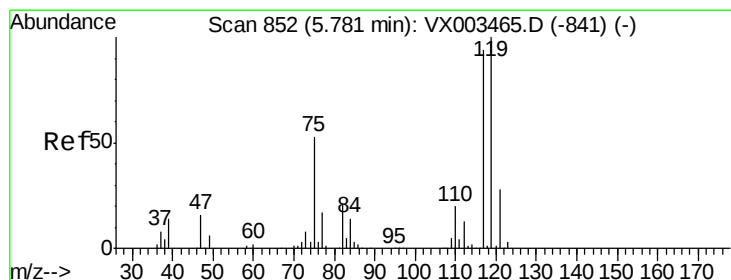
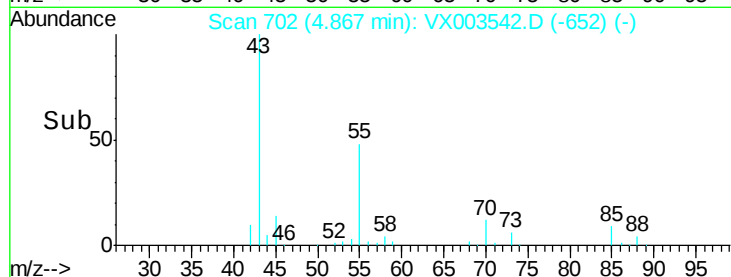
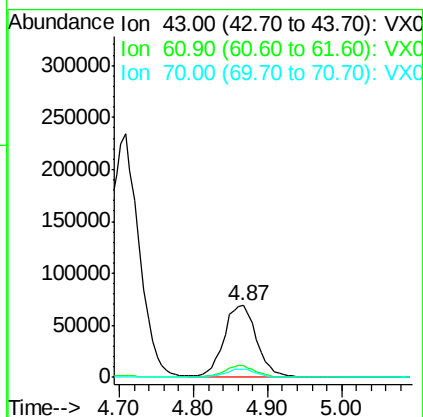
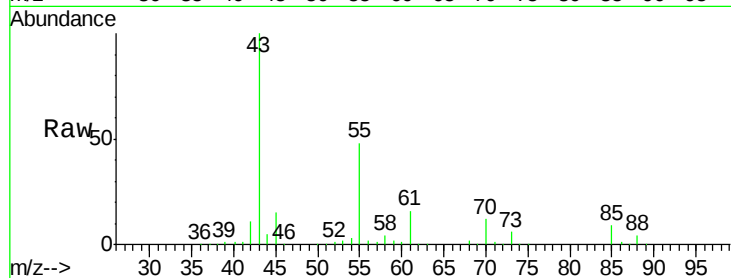




#37
Ethyl Acetate
Concen: 51.66 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

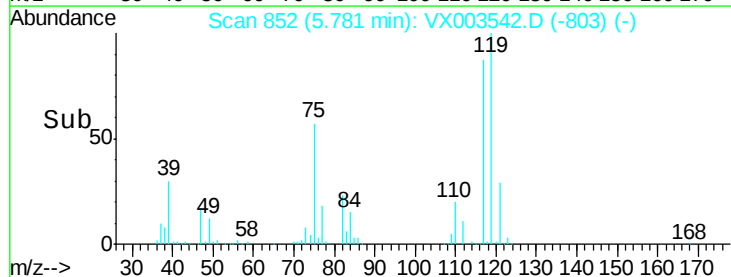
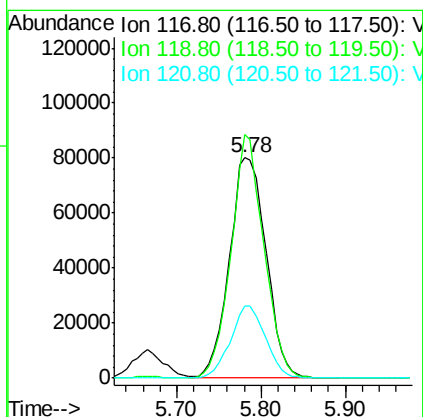
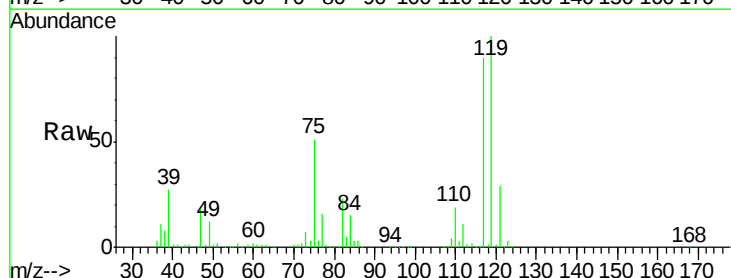
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

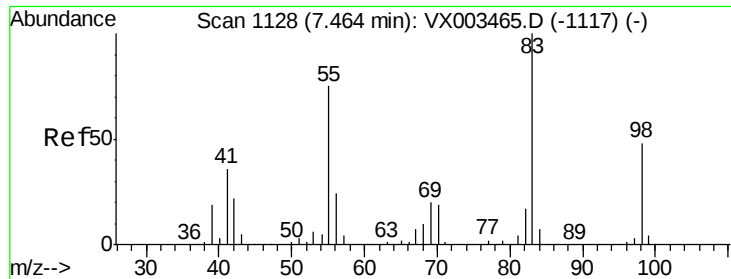
Tot Ion: 43 Resp: 211459
Ion Ratio Lower Upper
43 100
61 15.0 10.4 15.6
70 11.1 7.6 11.4



#38
Carbon Tetrachloride
Concen: 55.76 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 117 Resp: 236584
Ion Ratio Lower Upper
117 100
119 110.7 77.4 116.0
121 32.7 24.4 36.6

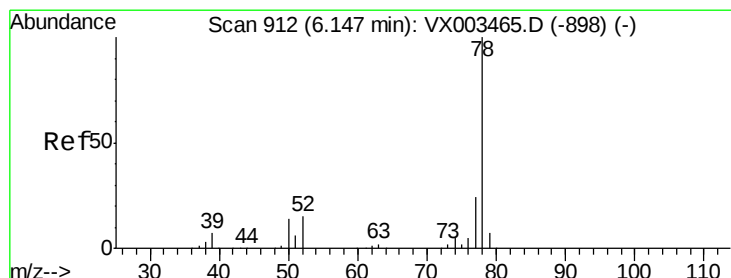
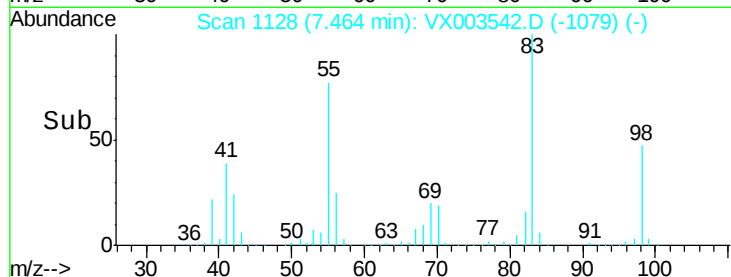
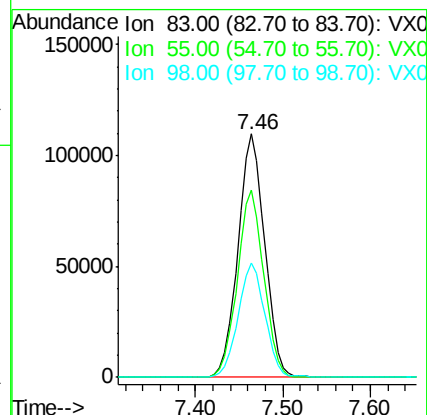
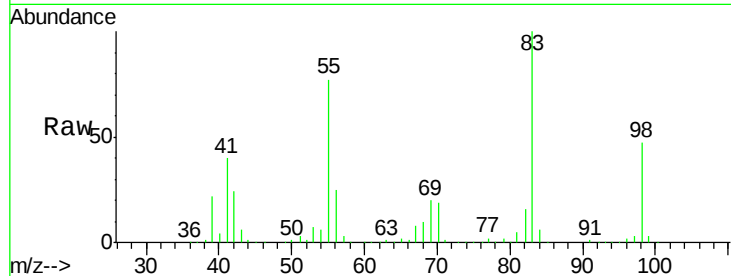




#39
Methylvlcyclohexane
Concen: 45.45 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

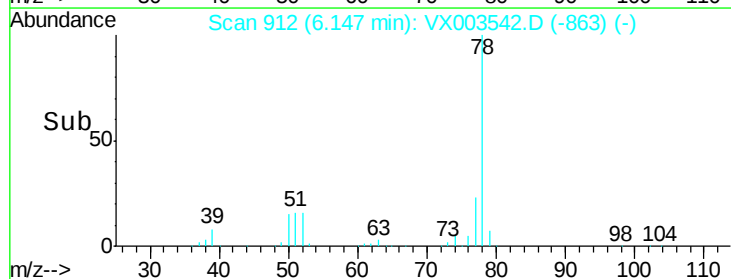
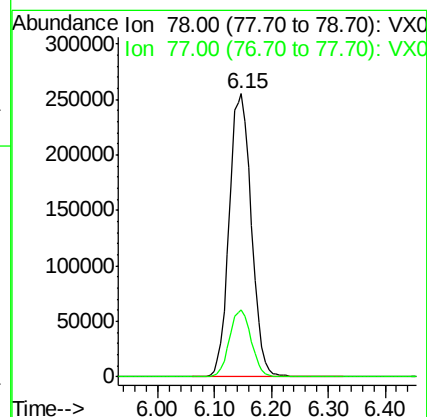
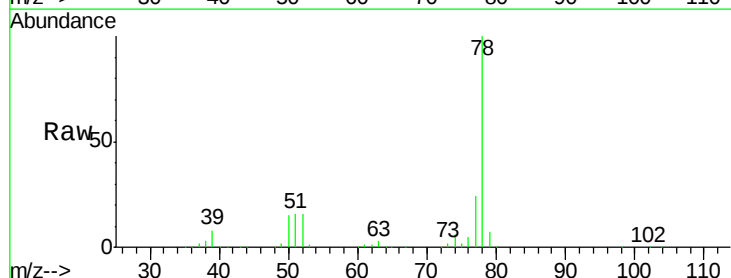
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

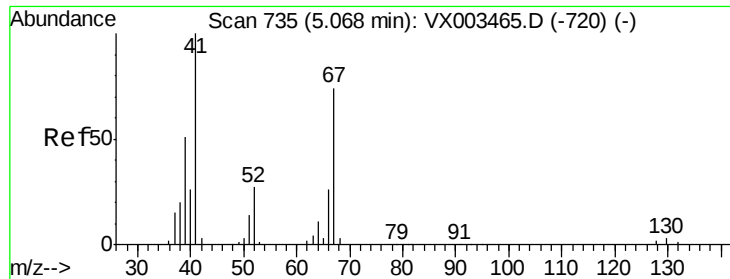
Tot Ion	83.00	Resp	232858
Ion Ratio	Lower	Upper	
83	100		
55	77.0	65.4	98.0
98	47.1	37.4	56.0



#40
Benzene
Concen: 52.99 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion	78.00	Resp	692148
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.1	28.7

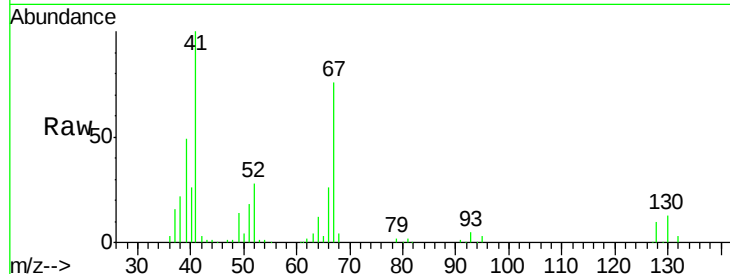




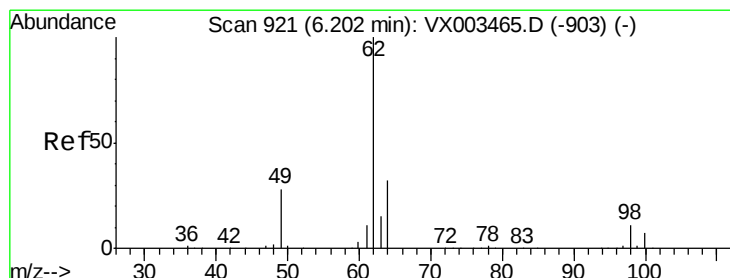
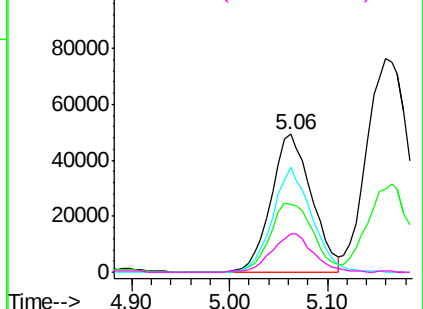
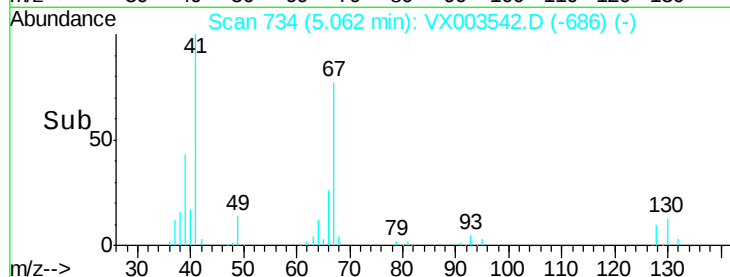
#41
Methacrylonitrile
Concen: 59.32 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Tot Ion:	41	Resp:	142712
Ion	Ratio	Lower	Upper
41	100		
39	53.6	45.8	68.6
67	73.9	51.3	76.9
52	28.2	23.0	34.6

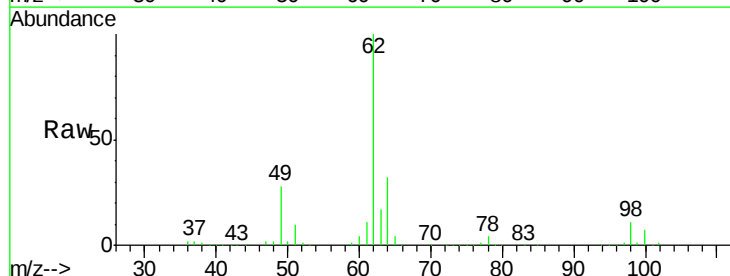


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

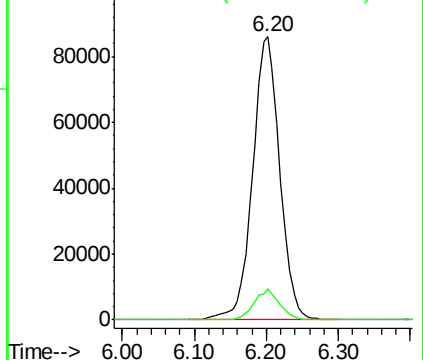
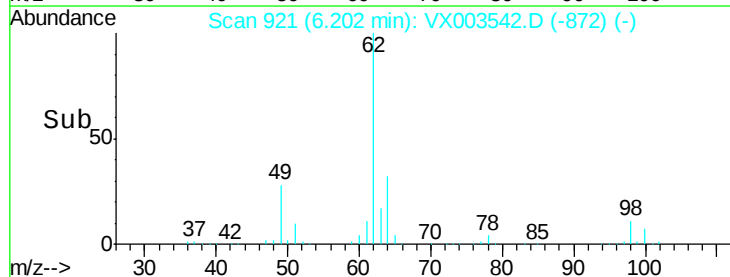


#42
1,2-Dichloroethane
Concen: 54.64 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion:	62	Resp:	224842
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	16.6



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



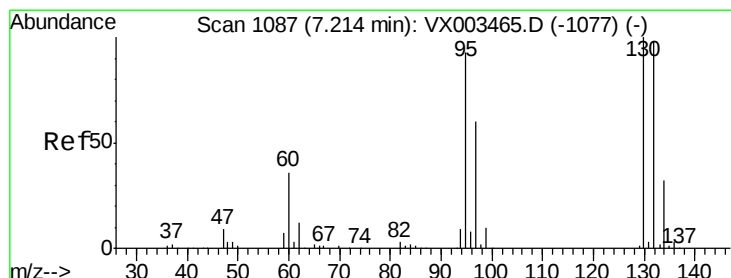
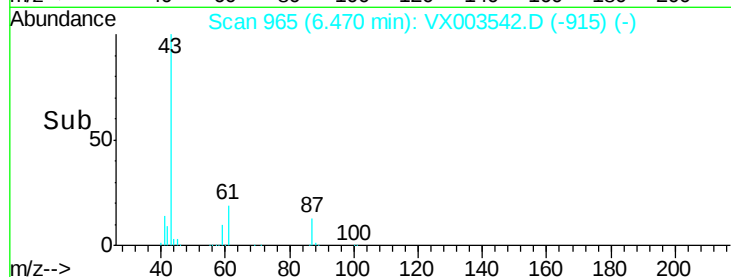
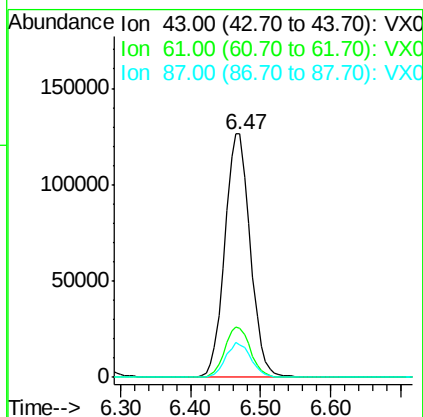
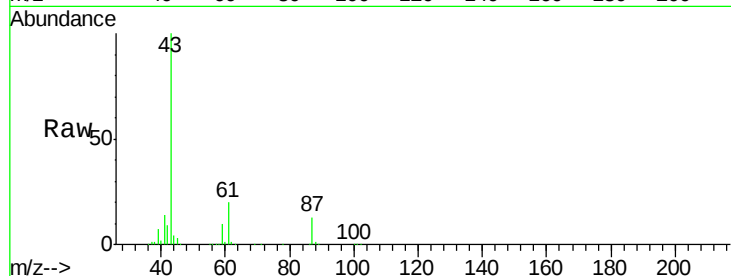


#43

Isopropyl Acetate
 Concen: 48.90 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

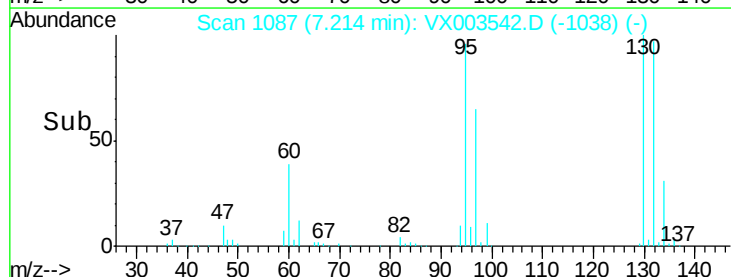
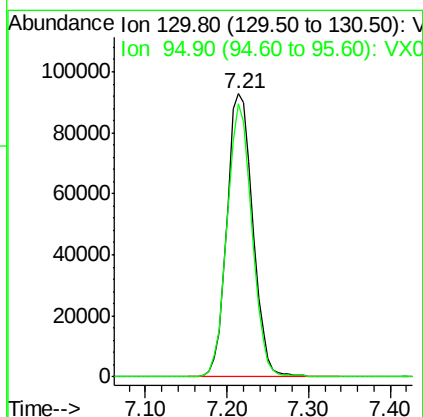
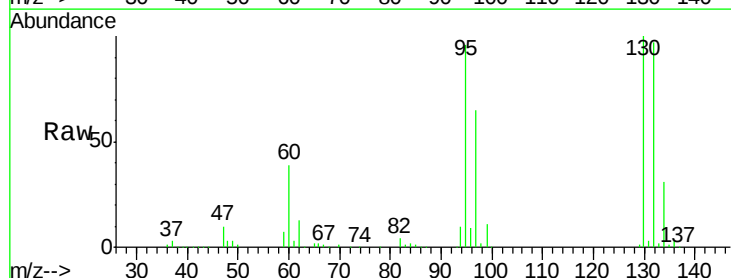
Tot Ion: 43 Resp: 318411
 Ion Ratio Lower Upper
 43 100
 61 20.8 14.4 21.6
 87 14.1 9.5 14.3

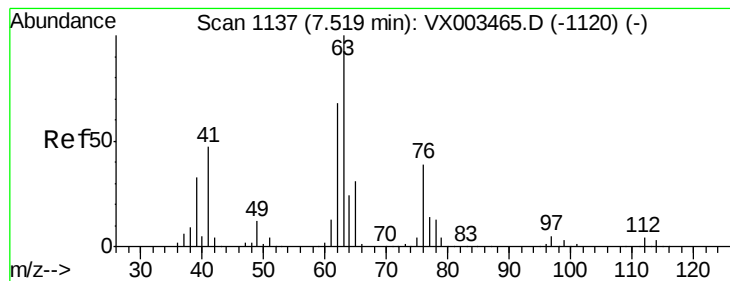


#44

Trichloroethene
 Concen: 51.87 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 130 Resp: 202040
 Ion Ratio Lower Upper
 130 100
 95 96.4 0.0 185.4





#45

1,2-Dichloropropane

Concen: 54.11 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

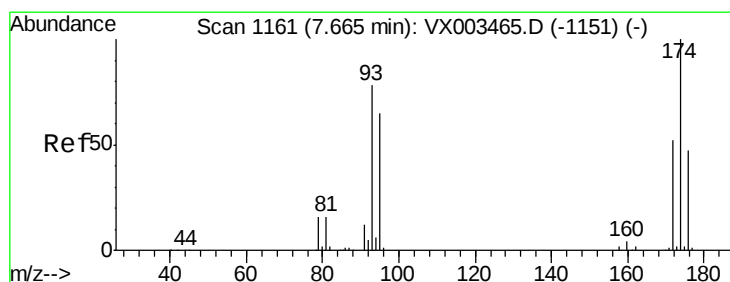
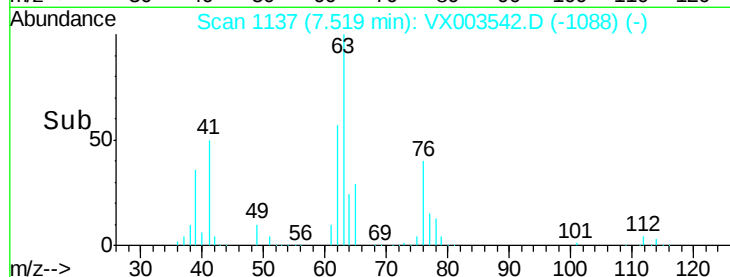
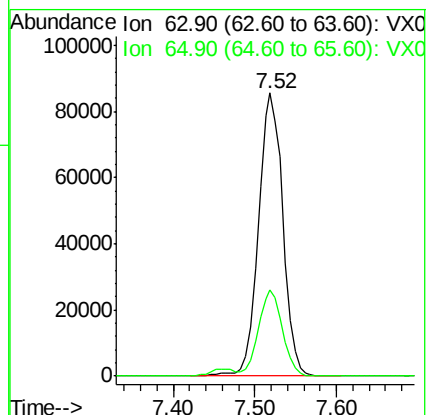
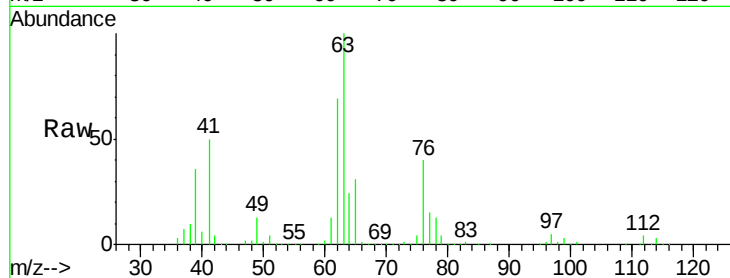
RE104D3-071318MSD

Tot Ion: 63 Resp: 179441

Ion Ratio Lower Upper

63 100

65 30.6 24.7 37.1



#46

Dibromomethane

Concen: 53.41 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

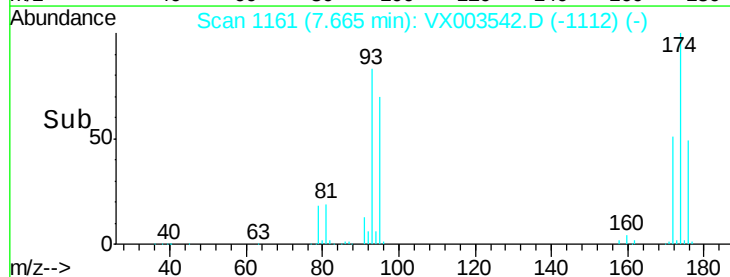
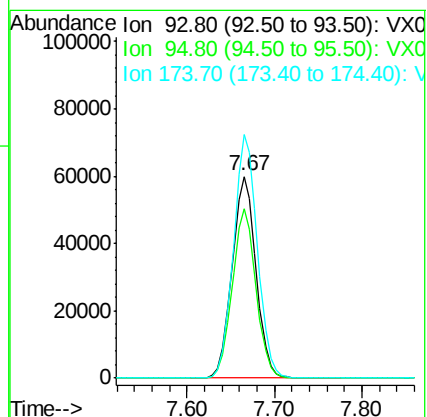
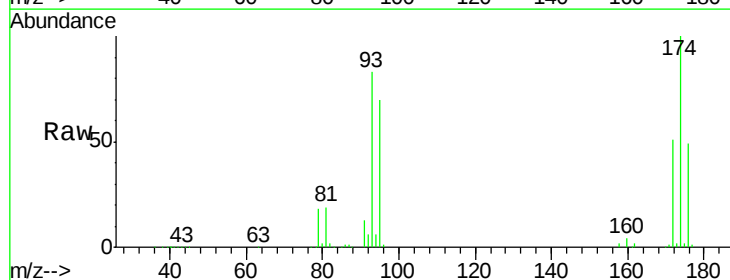
Tgt Ion: 93 Resp: 114027

Ion Ratio Lower Upper

93 100

95 83.1 65.9 98.9

174 120.6 92.4 138.6





#47

Bromodichloromethane

Concen: 54.87 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

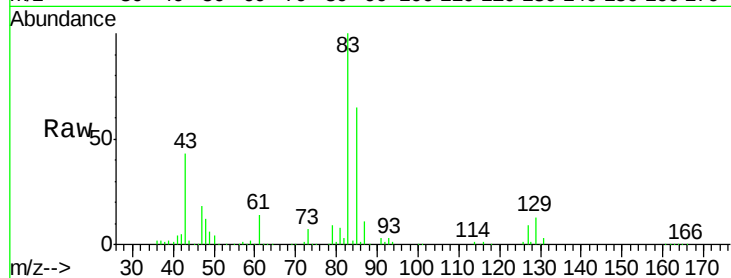
Tot Ion: 83 Resp: 214453

Ion Ratio Lower Upper

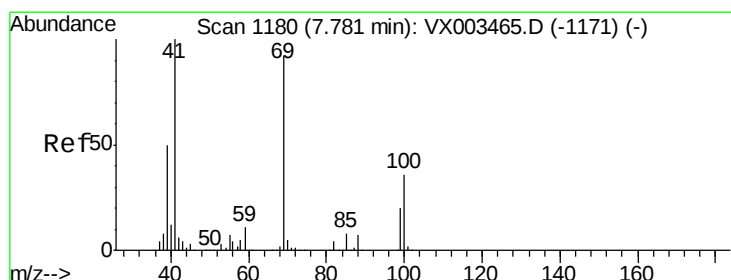
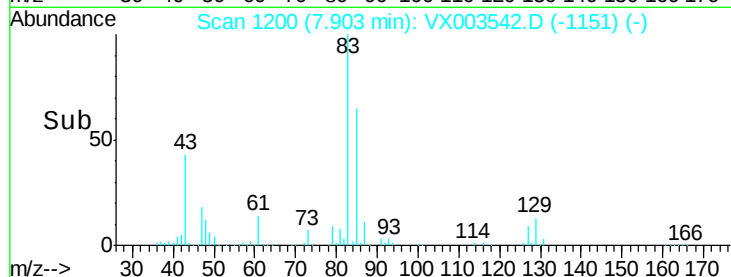
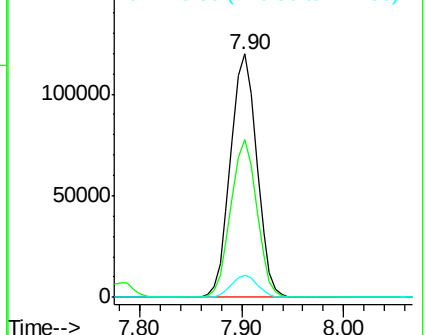
83 100

85 64.9 50.3 75.5

127 9.1 7.0 10.4



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: 56.22 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

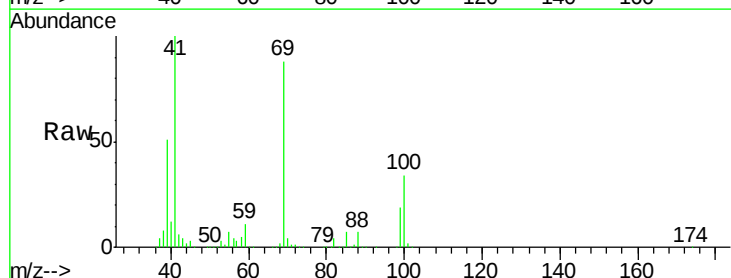
Tgt Ion: 41 Resp: 184611

Ion Ratio Lower Upper

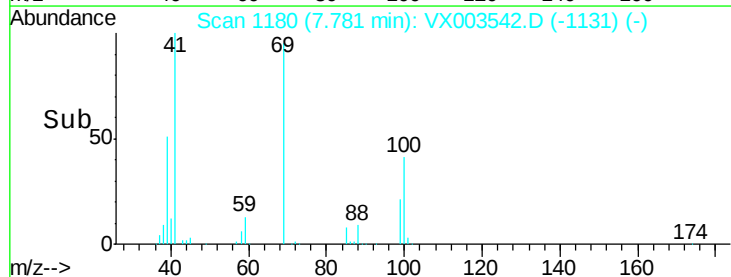
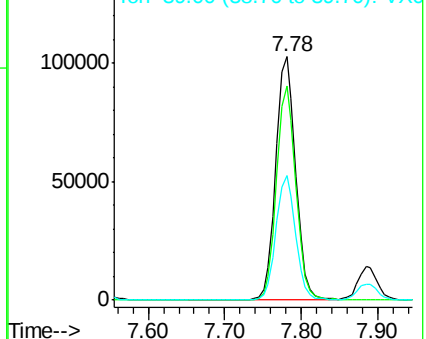
41 100

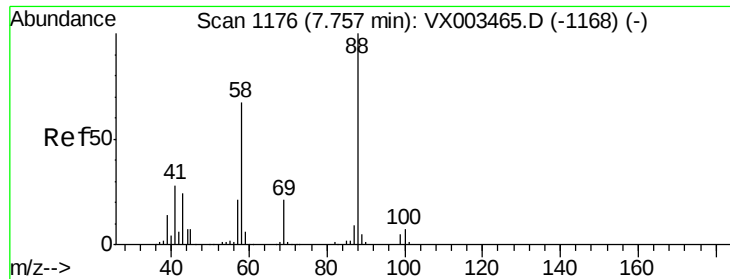
69 86.1 59.1 88.7

39 50.1 48.9 73.3



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

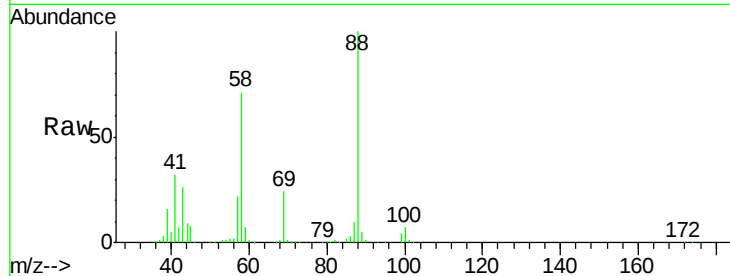




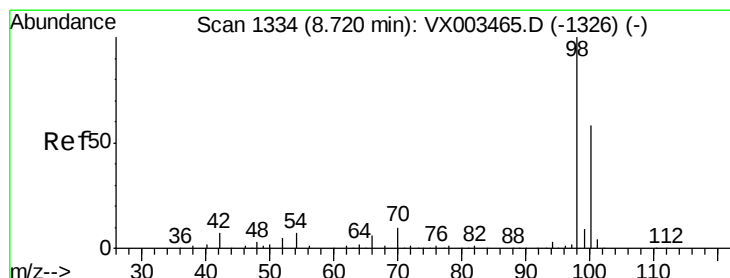
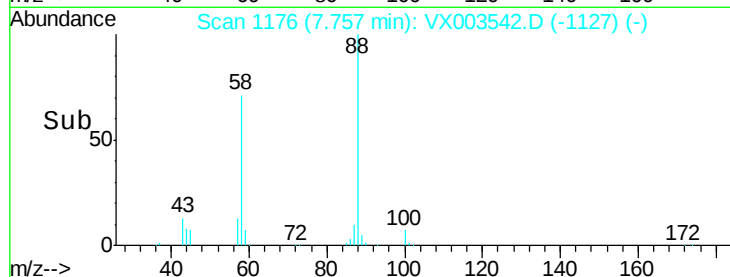
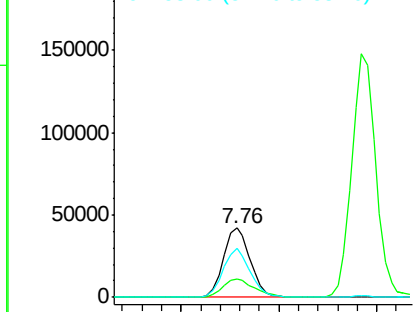
#49
1,4-Dioxane
Concen: 1075.89 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Tot Ion: 88 Resp: 80051
Ion Ratio Lower Upper
88 100
43 30.7 29.8 44.6
58 71.8 57.1 85.7

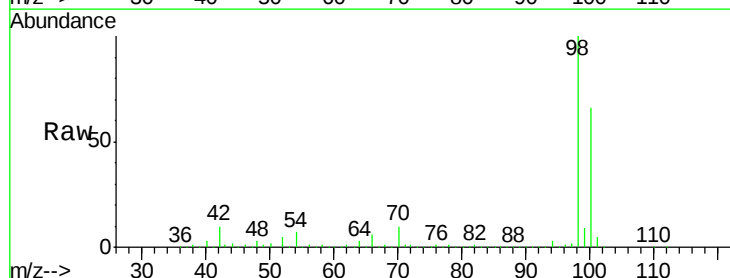


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

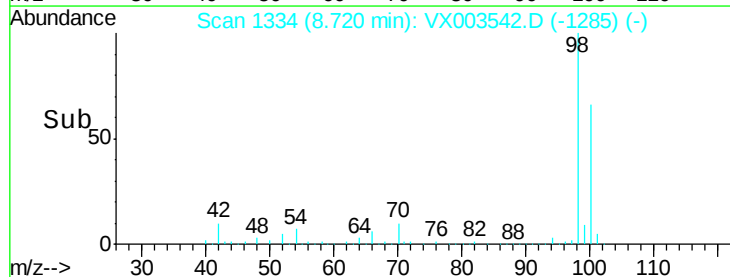
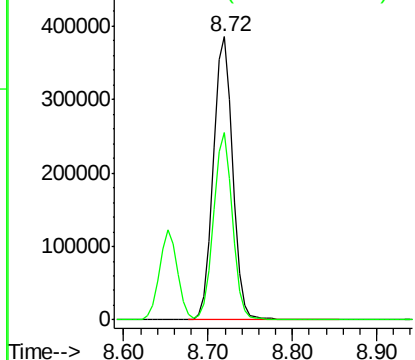


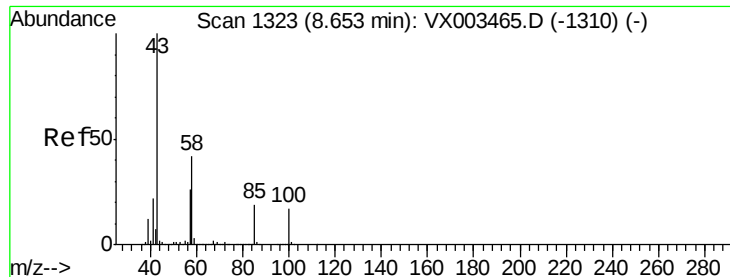
#50
Toluene-d8
Concen: 53.62 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 98 Resp: 614994
Ion Ratio Lower Upper
98 100
100 65.0 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 284.11 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

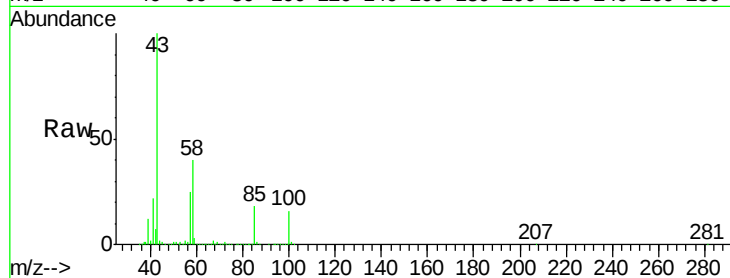
RE104D3-071318MSD

Tot Ion: 43 Resp: 1168769

Ion Ratio Lower Upper

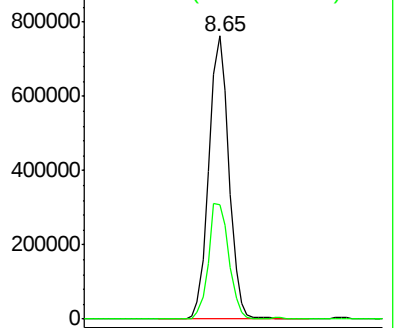
43 100

58 41.5 28.6 42.8

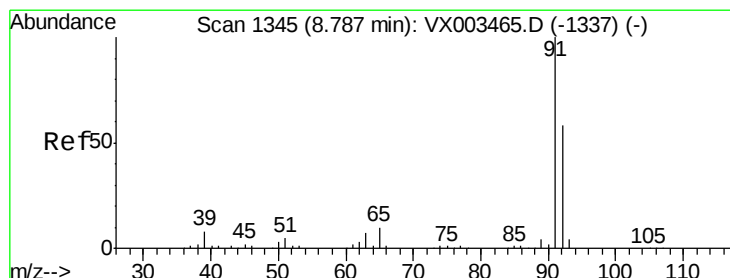
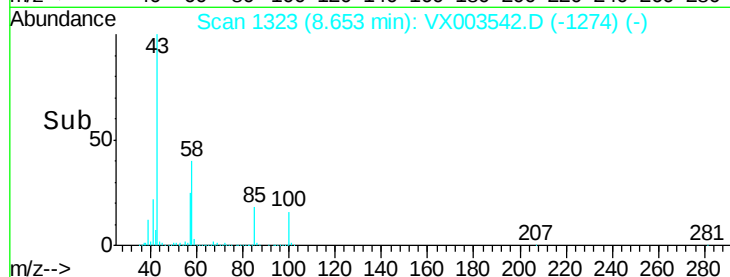


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#52

Toluene

Concen: 53.38 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003542.D

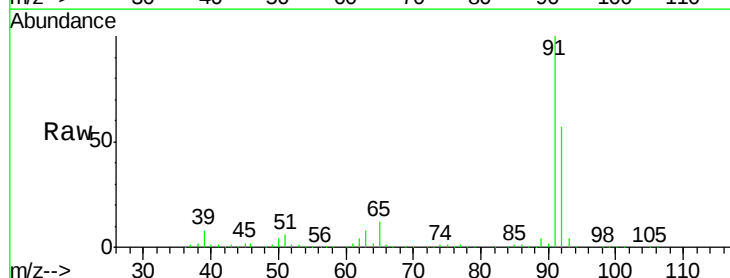
Acq: 21 Jul 2018 06:40

Tgt Ion: 92 Resp: 438859

Ion Ratio Lower Upper

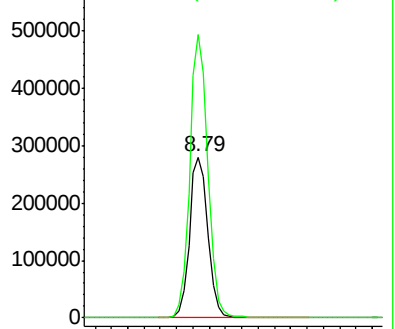
92 100

91 173.5 140.4 210.6

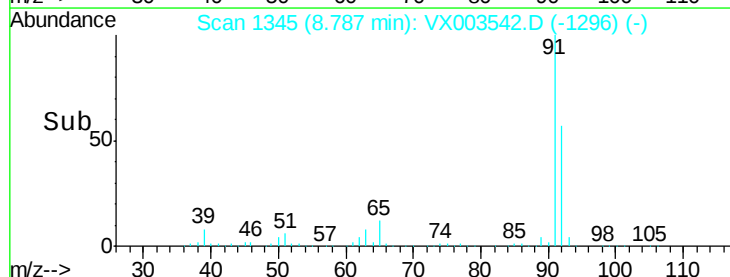


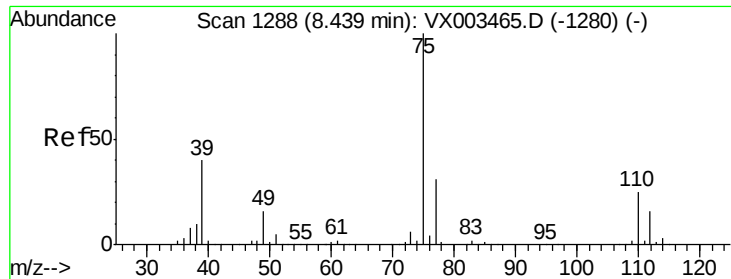
Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



Time-->

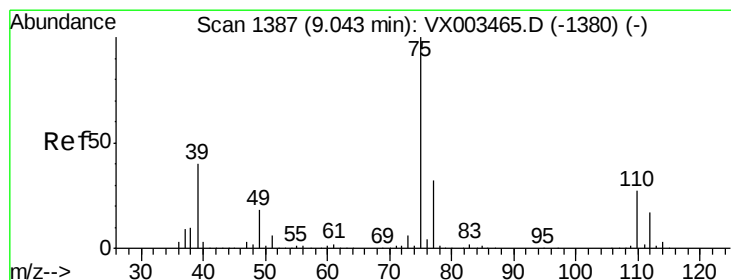
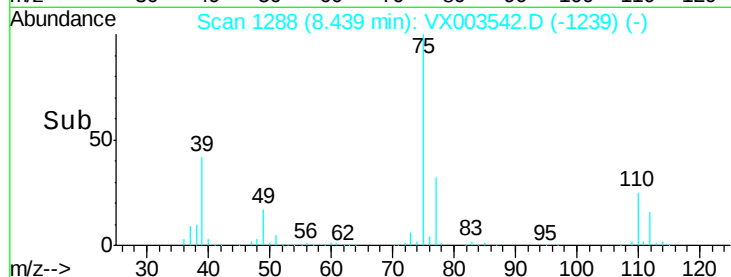
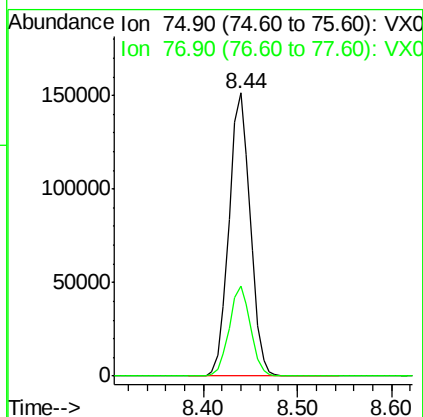
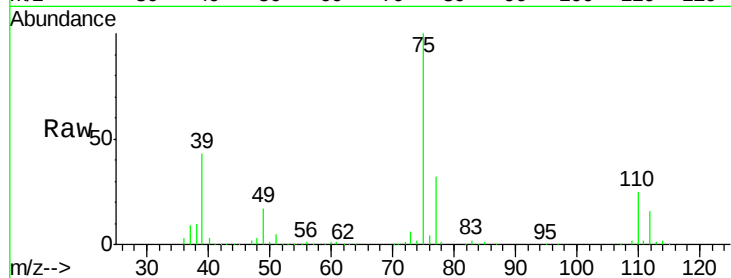




#53
 t-1,3-Dichloropropene
 Concen: 49.32 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

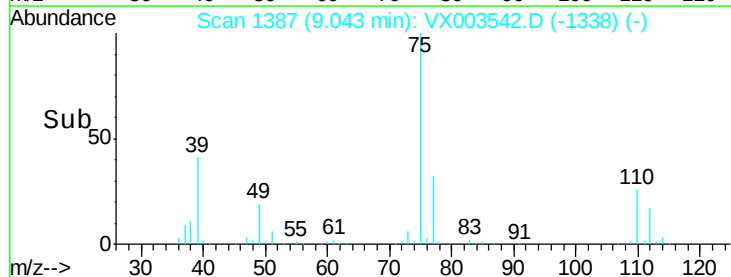
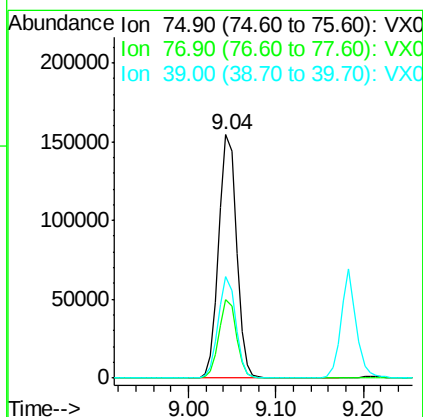
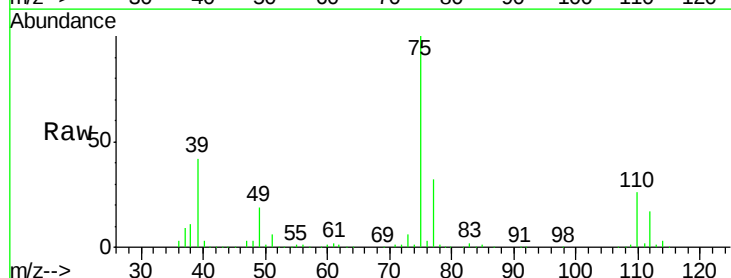
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

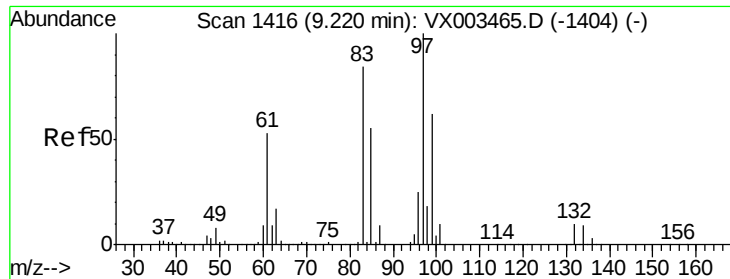
Tot Ion: 75 Resp: 237297
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.29 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 75 Resp: 217583
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2
 39 41.4 42.4 63.6#

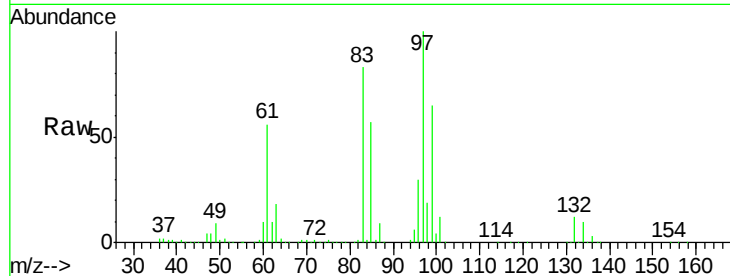




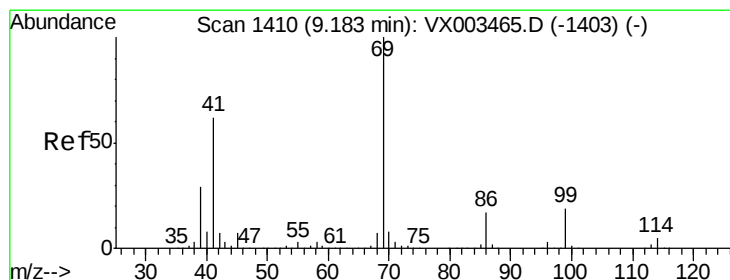
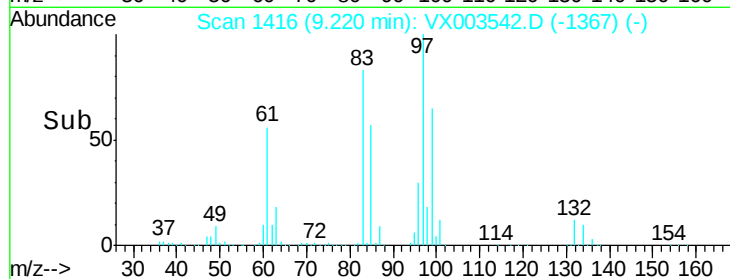
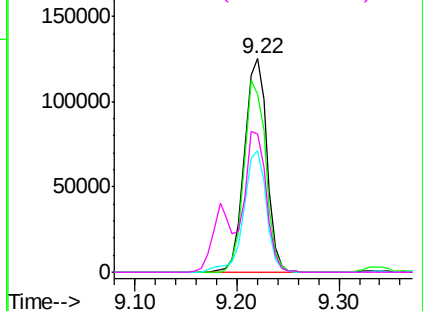
#55
 1,1,2-Trichloroethane
 Concen: 58.46 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

Tot Ion: 97 Resp: 191233
 Ion Ratio Lower Upper
 97 100
 83 83.1 70.2 105.2
 85 57.2 44.9 67.3
 99 64.9 49.8 74.8

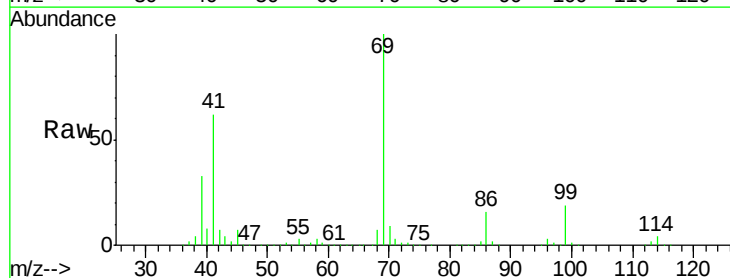


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

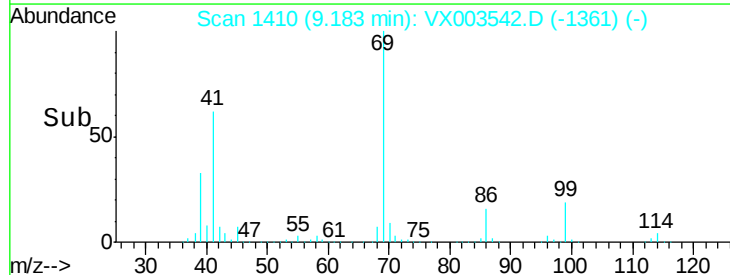
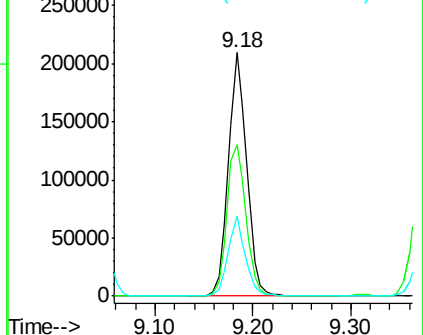


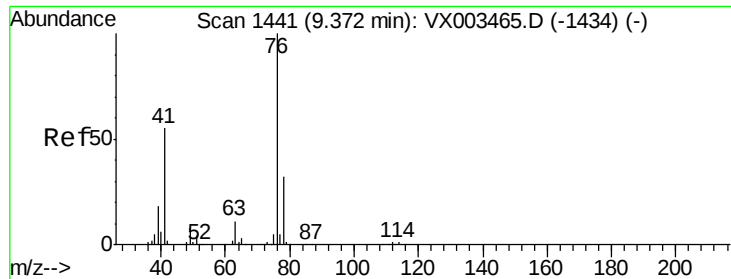
#56
 Ethyl methacrylate
 Concen: 59.05 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 69 Resp: 272089
 Ion Ratio Lower Upper
 69 100
 41 64.7 60.3 90.5
 39 31.2 35.8 53.8#



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: 53.03 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

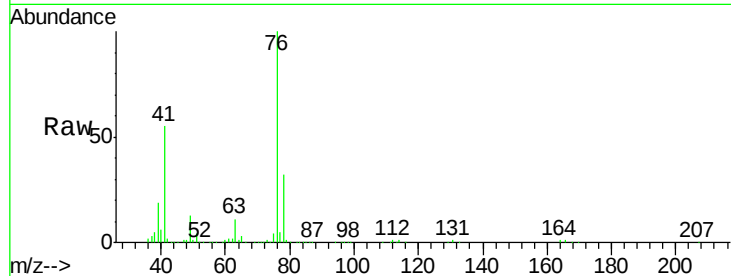
RE104D3-071318MSD

Tot Ion: 76 Resp: 280444

Ion Ratio Lower Upper

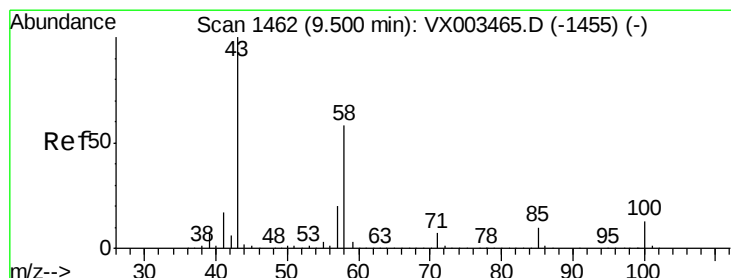
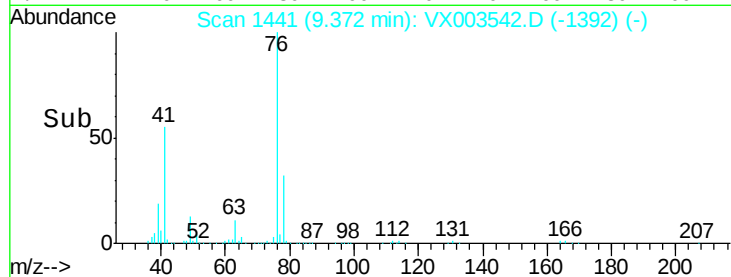
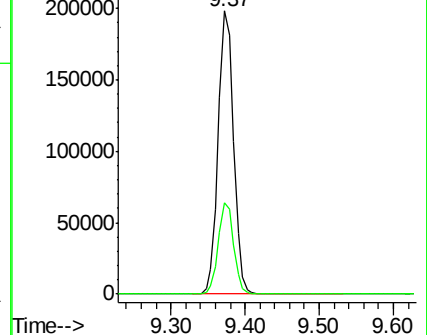
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#59

2-Hexanone

Concen: 274.39 ug/l

RT: 9.50 min Scan# 1462

Delta R.T. 0.00 min

Lab File: VX003542.D

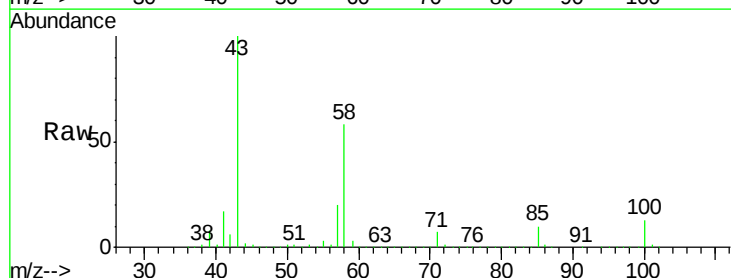
Acq: 21 Jul 2018 06:40

Tgt Ion: 43 Resp: 836321

Ion Ratio Lower Upper

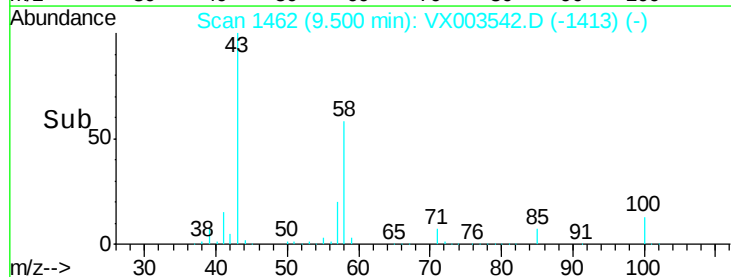
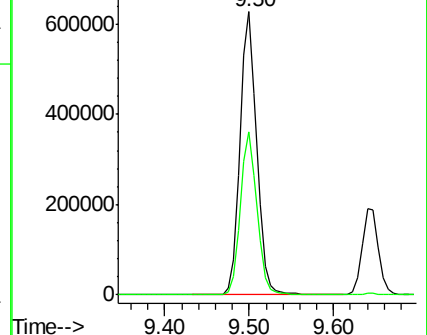
43 100

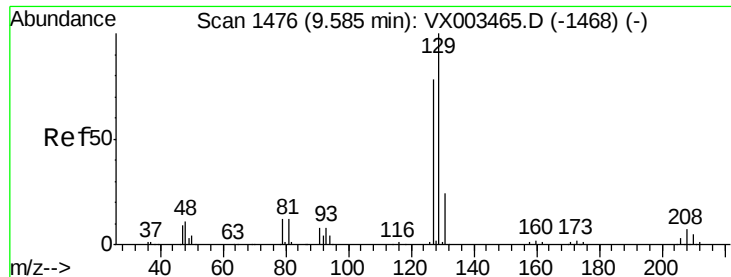
58 57.3 24.6 73.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#60

Dibromochloromethane

Concen: 54.99 ug/l

RT: 9.59 min Scan# 1476

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

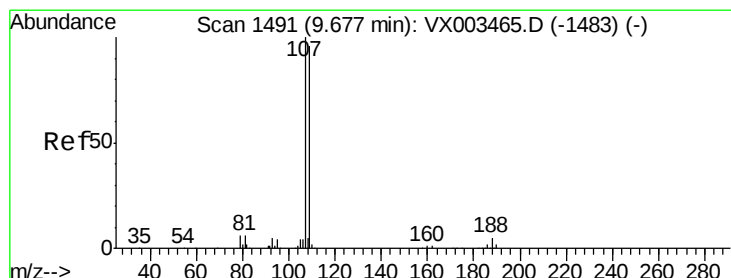
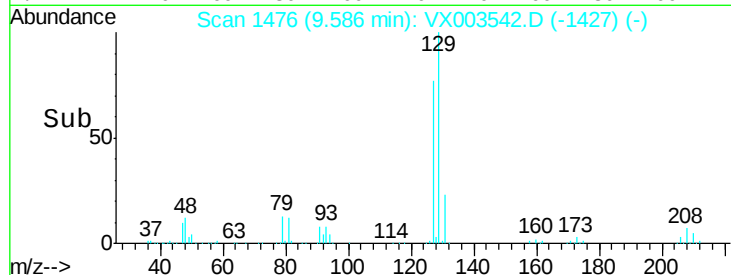
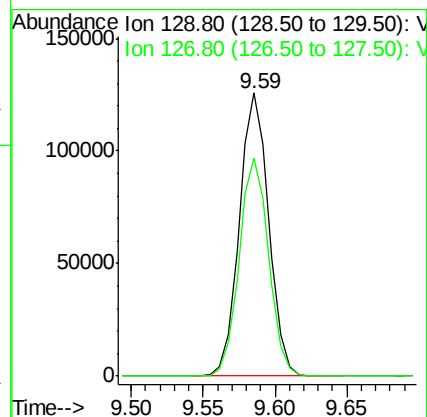
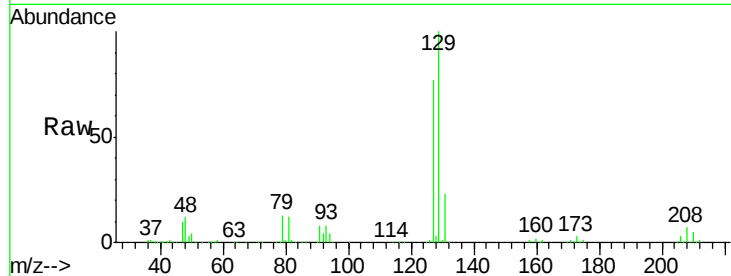
RE104D3-071318MSD

Tot Ion:129 Resp: 178078

Ion Ratio Lower Upper

129 100

127 77.3 38.5 115.3



#61

1,2-Dibromoethane

Concen: 53.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003542.D

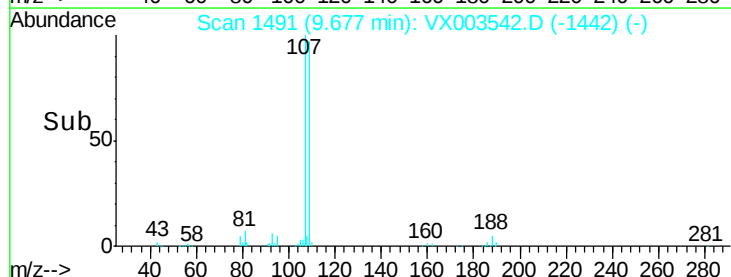
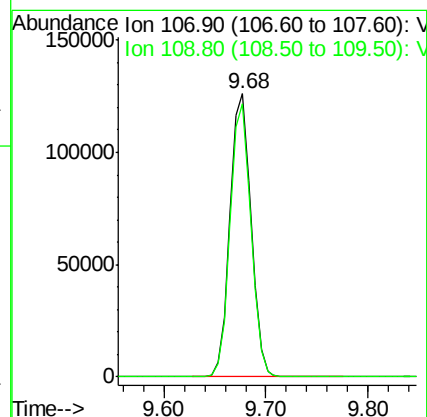
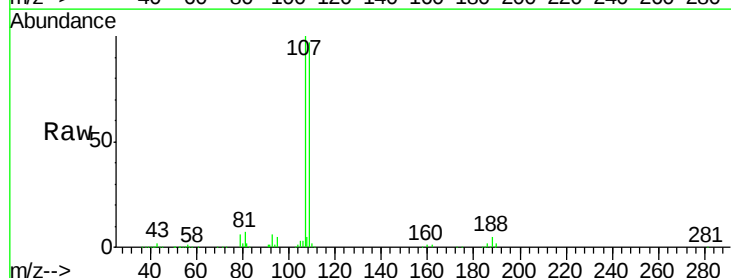
Acq: 21 Jul 2018 06:40

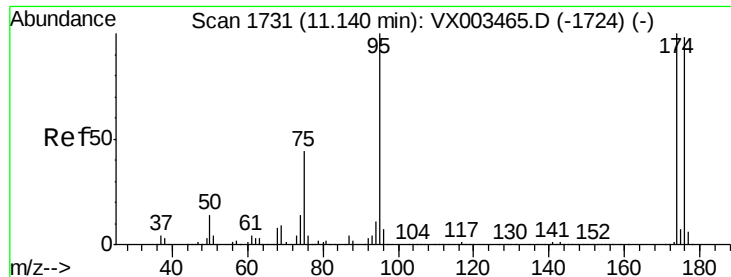
Tgt Ion:107 Resp: 180426

Ion Ratio Lower Upper

107 100

109 95.3 75.3 112.9

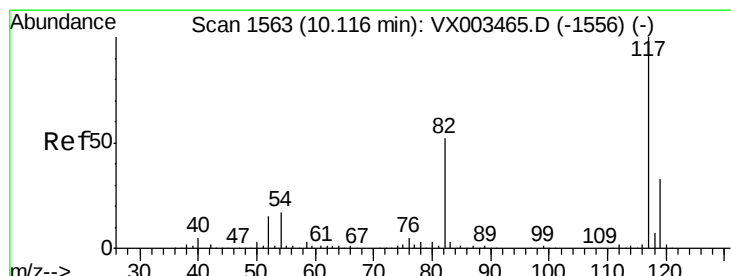
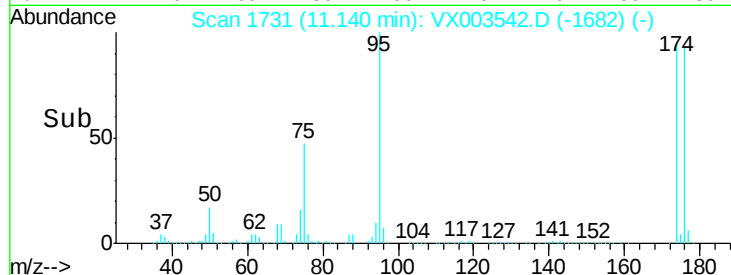
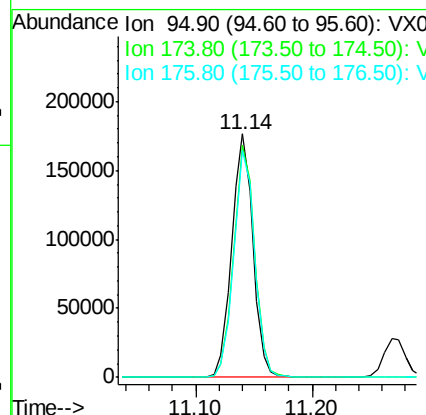
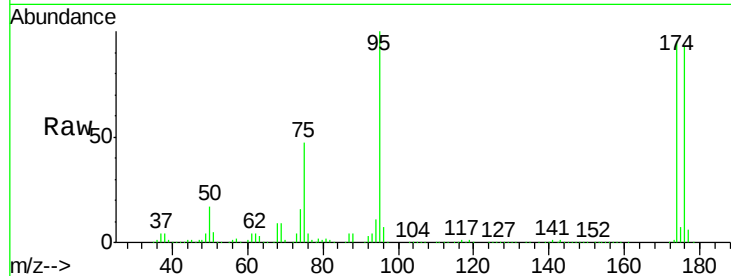




#62
4-Bromofluorobenzene
Concen: 53.24 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

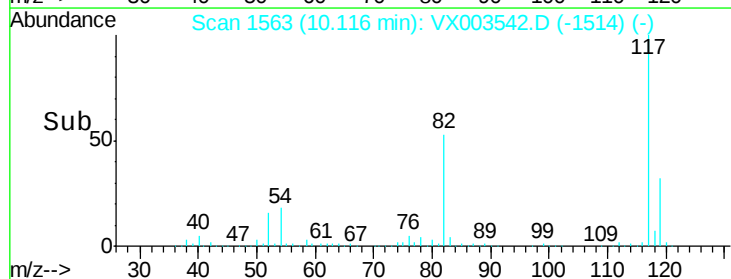
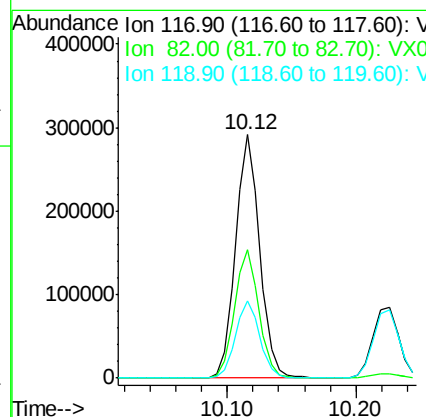
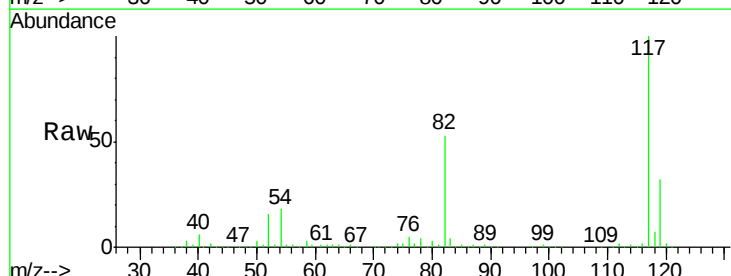
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

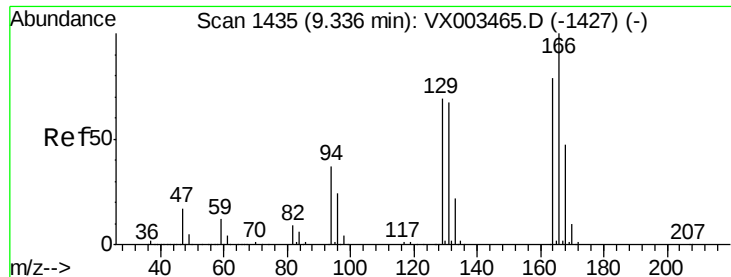
Tot Ion: 95 Resp: 222858
Ion Ratio Lower Upper
95 100
174 95.2 0.0 187.4
176 92.6 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 117 Resp: 383564
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 31.9 25.8 38.6





#64

Tetrachloroethene

Concen: 51.34 ug/l

RT: 9.34 min Scan# 1435

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

Tot Ion:164 Resp: 239912

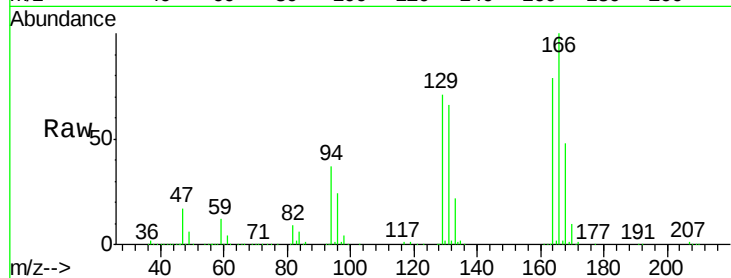
Ion Ratio Lower Upper

164 100

166 127.3 102.9 154.3

129 90.2 68.6 102.8

131 84.3 66.8 100.2

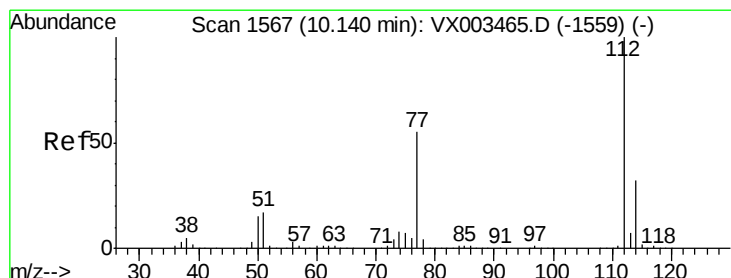
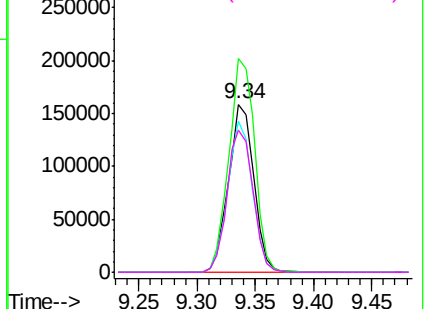
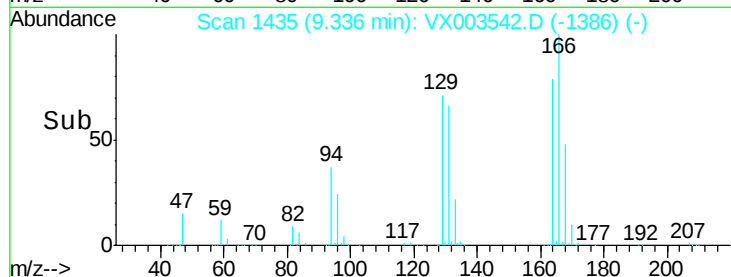


Abundance Ion 163.80 (163.50 to 164.50): V

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: 48.96 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003542.D

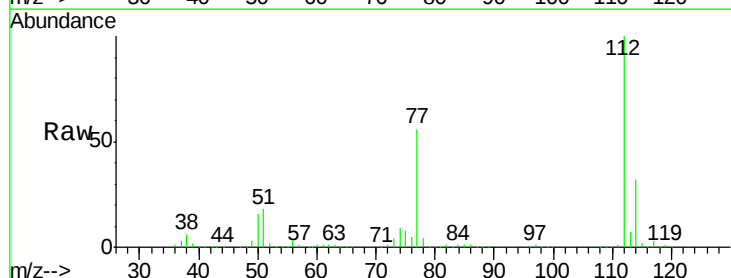
Acq: 21 Jul 2018 06:40

Tgt Ion:112 Resp: 483824

Ion Ratio Lower Upper

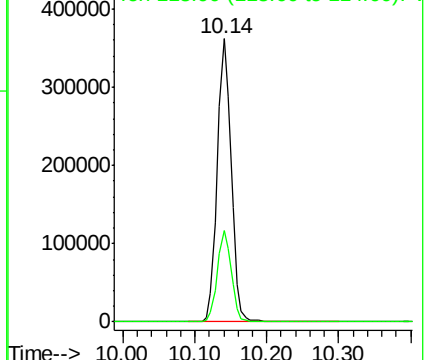
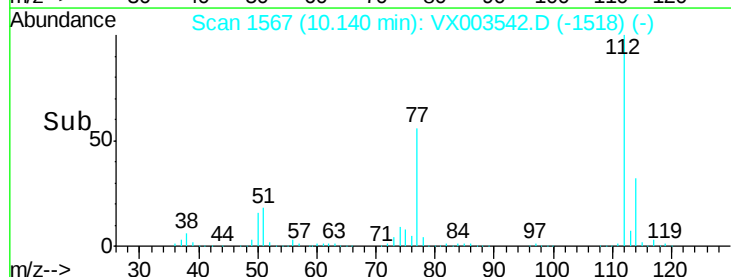
112 100

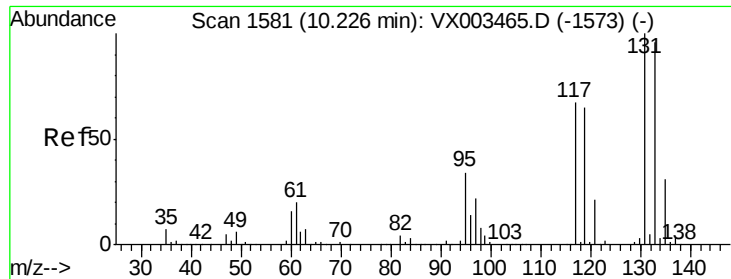
114 32.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 51.67 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

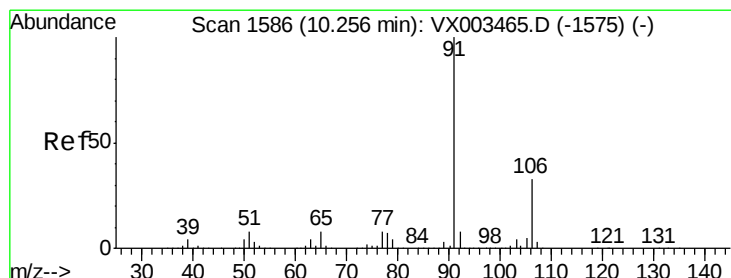
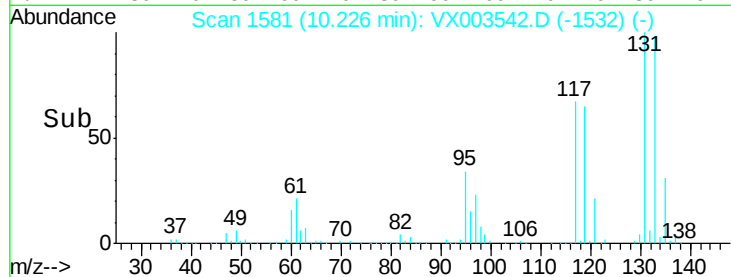
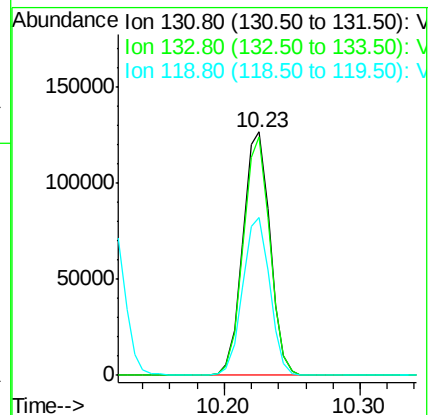
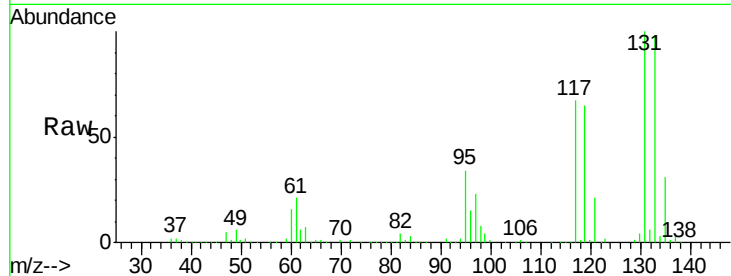
Tot Ion:131 Resp: 175678

Ion Ratio Lower Upper

131 100

133 96.1 47.9 143.6

119 65.0 31.8 95.3



#67

Ethyl Benzene

Concen: 50.48 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003542.D

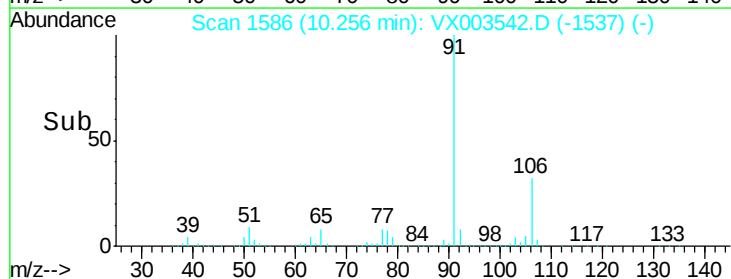
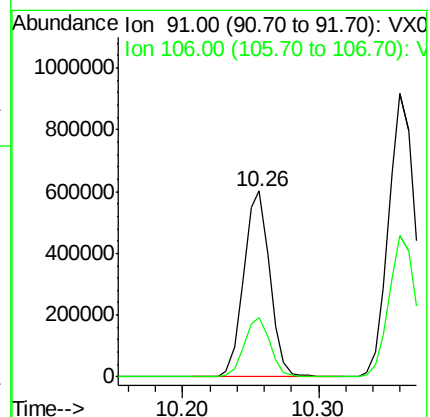
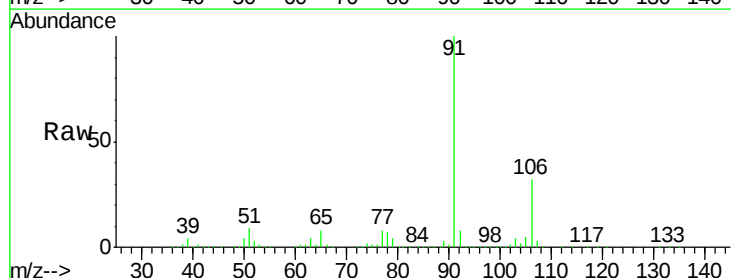
Acq: 21 Jul 2018 06:40

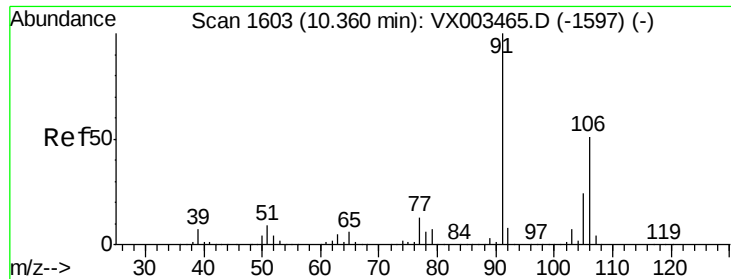
Tgt Ion: 91 Resp: 802064

Ion Ratio Lower Upper

91 100

106 32.1 25.5 38.3

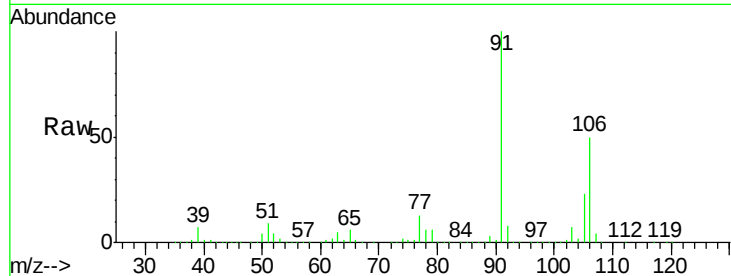




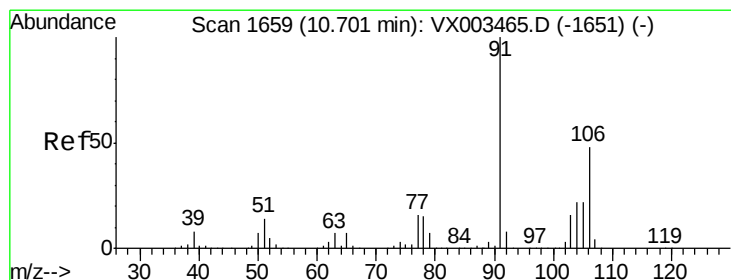
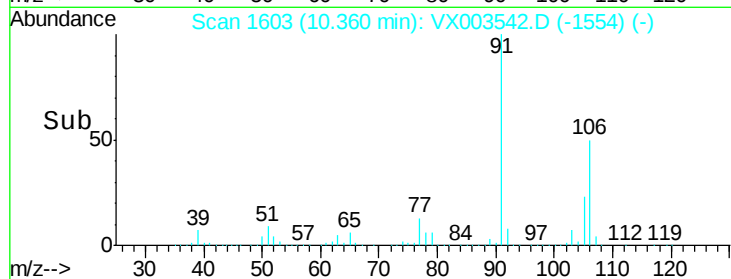
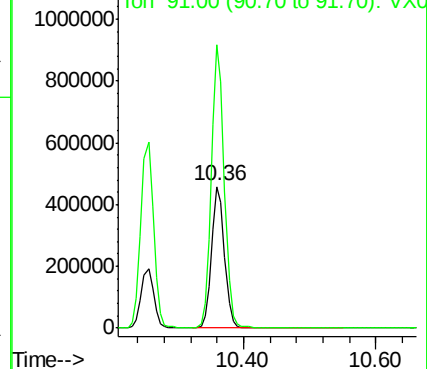
#68
m/p-Xvlenes
Concen: 101.46 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Tot Ion:106 Resp: 632040
Ion Ratio Lower Upper
106 100
91 198.9 163.4 245.2

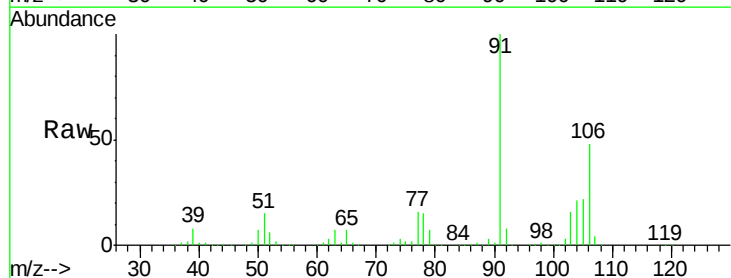


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

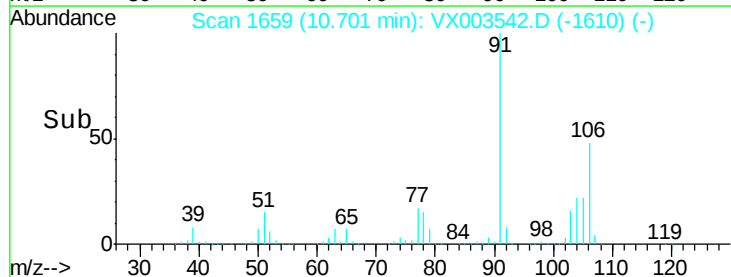
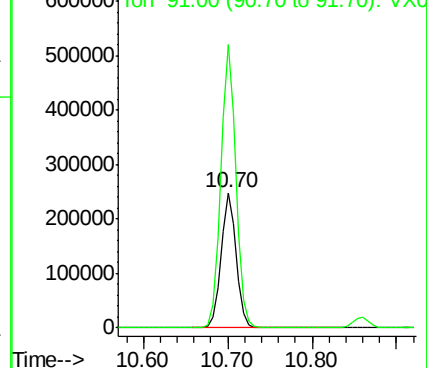


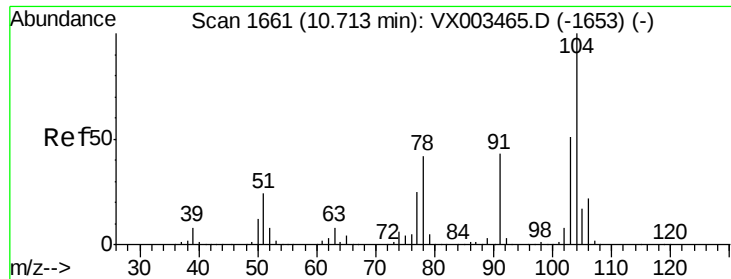
#69
o-Xylene
Concen: 51.02 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion:106 Resp: 307332
Ion Ratio Lower Upper
106 100
91 210.1 108.2 324.6



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

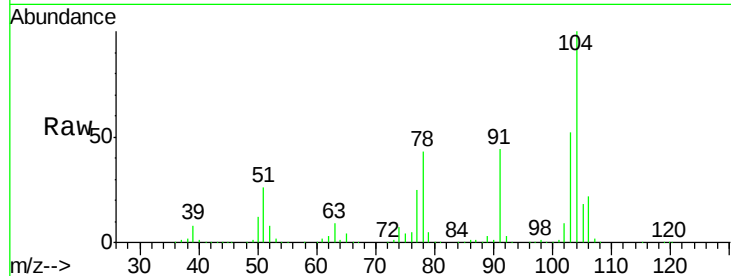




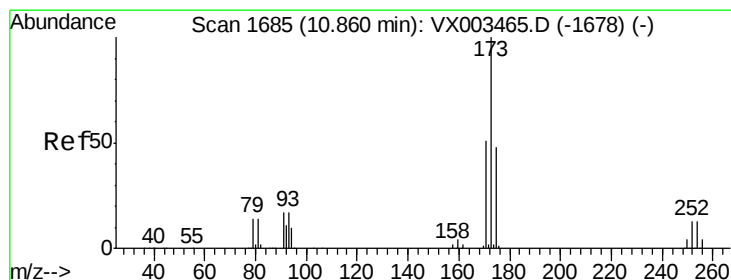
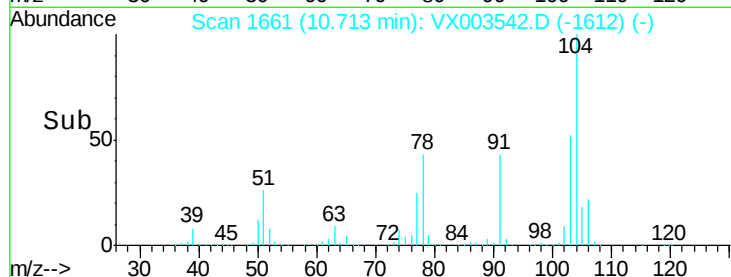
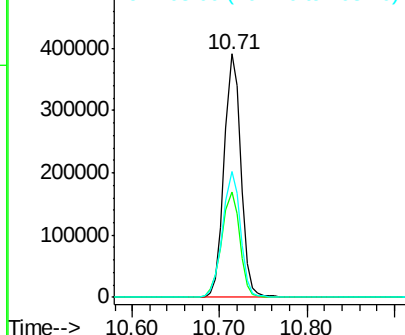
#70
Stvrene
Concen: 52.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

Tot Ion:104 Resp: 516852
Ion Ratio Lower Upper
104 100
78 47.5 41.0 61.6
103 55.2 44.2 66.4

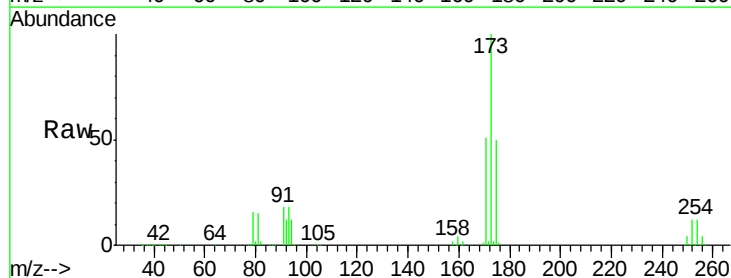


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

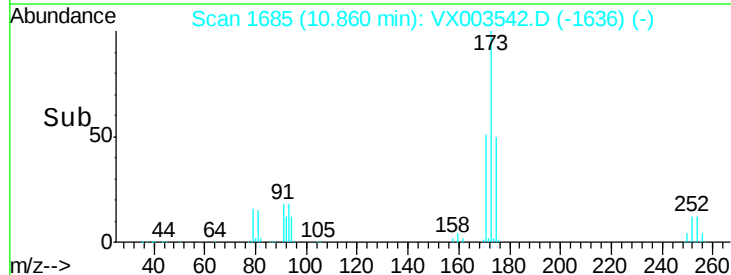
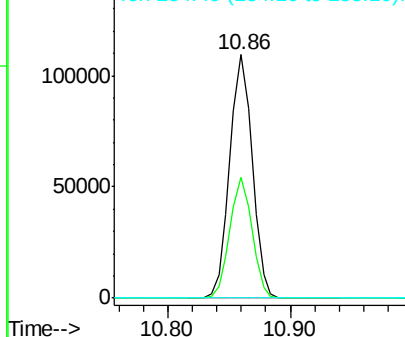


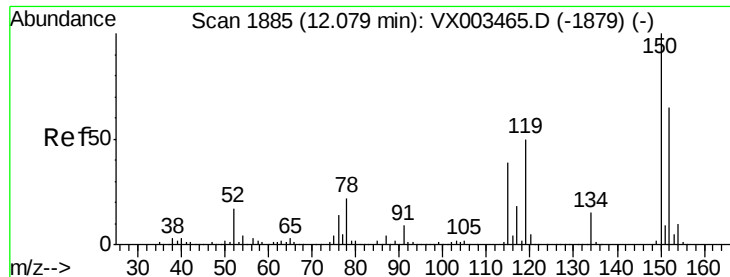
#71
Bromoform
Concen: 52.68 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion:173 Resp: 139170
Ion Ratio Lower Upper
173 100
175 49.0 24.7 74.1
254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

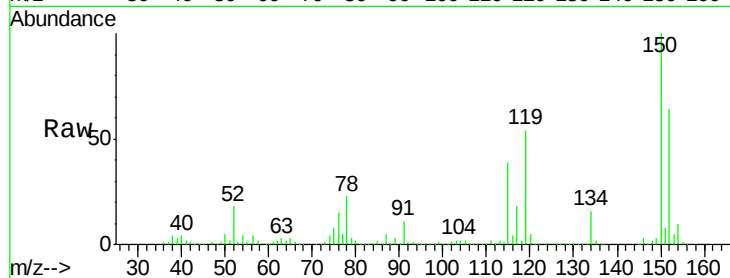
Tot Ion:152 Resp: 231067

Ion Ratio Lower Upper

152 100

115 76.2 40.1 120.2

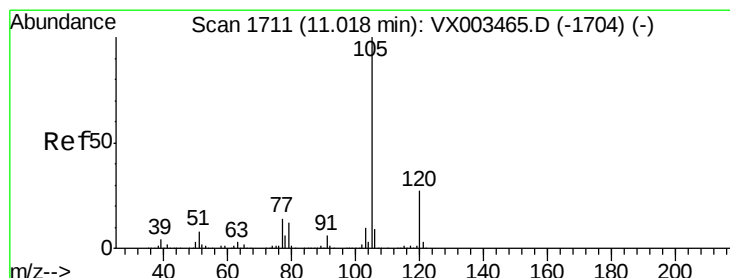
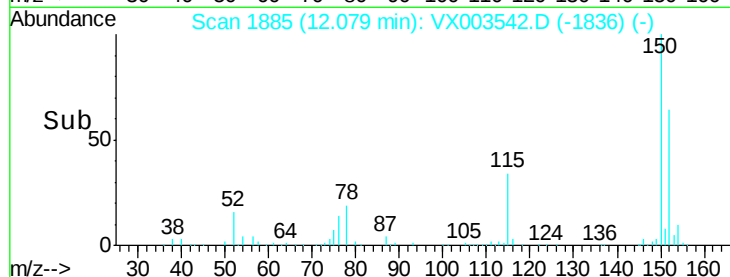
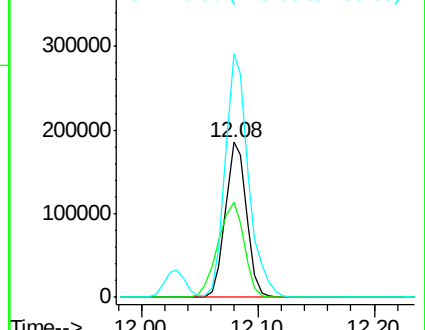
150 173.1 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 50.59 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003542.D

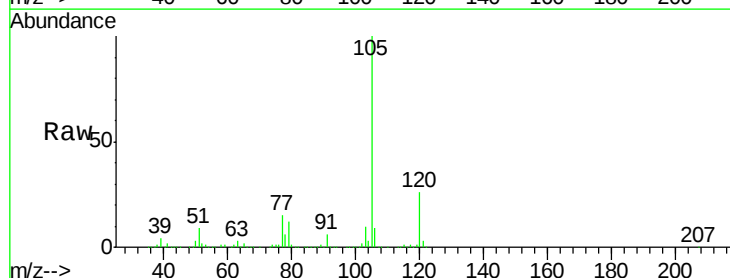
Acq: 21 Jul 2018 06:40

Tgt Ion:105 Resp: 808412

Ion Ratio Lower Upper

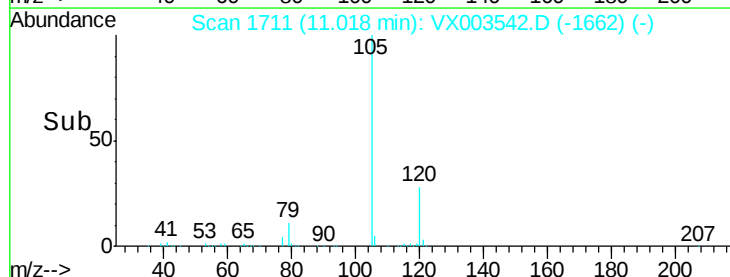
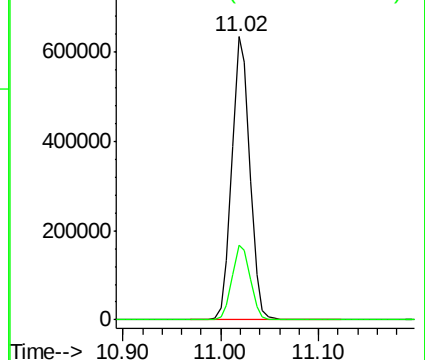
105 100

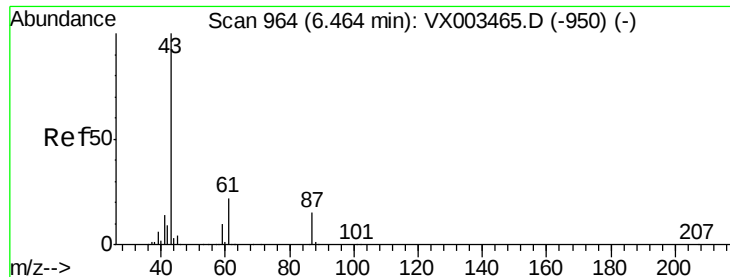
120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 46.92 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

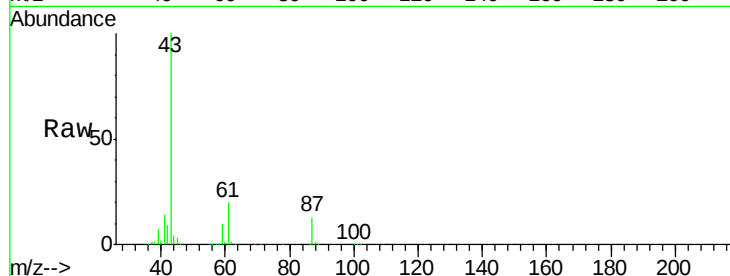
ClientSampleId :

RE104D3-071318MSD

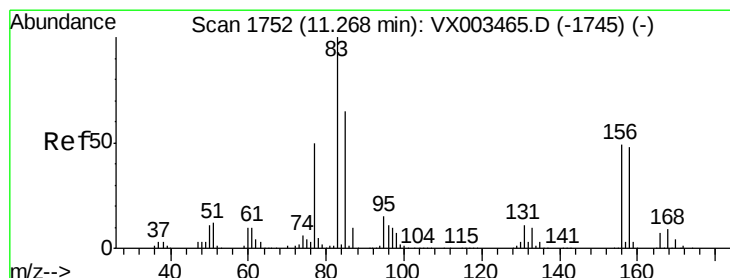
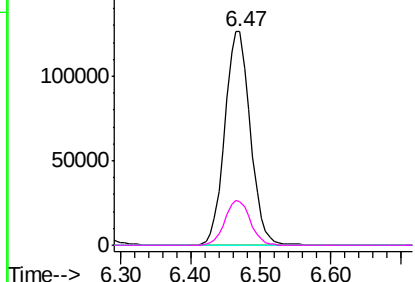
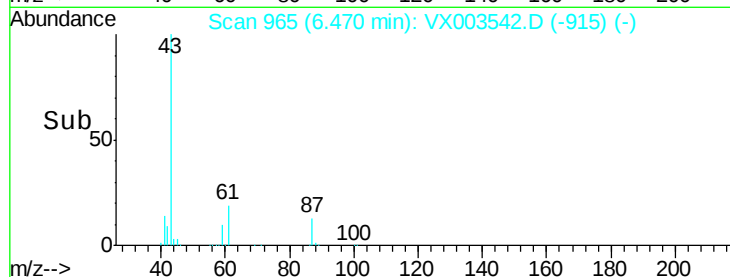
Tot Ion: 43 Resp: 318411

Ion Ratio Lower Upper

43	100		
70	0.0	0.0	0.0
55	0.0	0.0	0.0#
61	20.8	14.4	21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 70.00 (69.70 to 70.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0



#75

1,1,2,2-Tetrachloroethane

Concen: 51.48 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

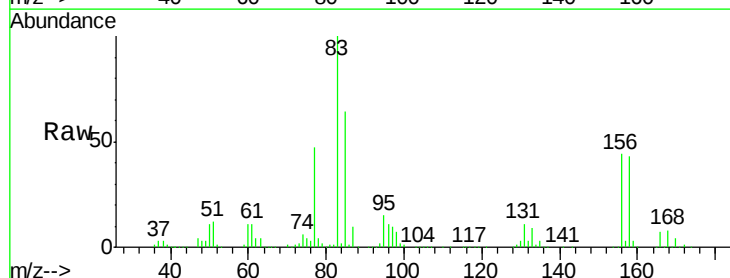
Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

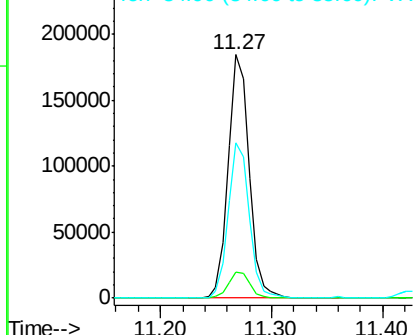
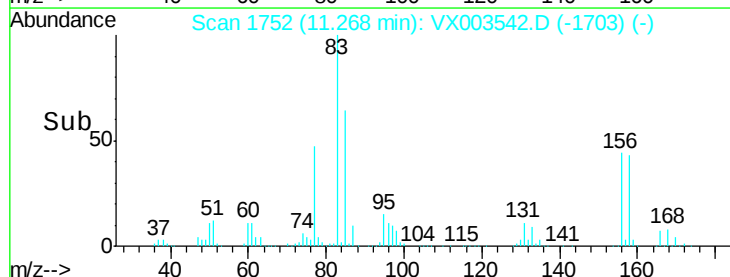
Tgt Ion: 83 Resp: 241072

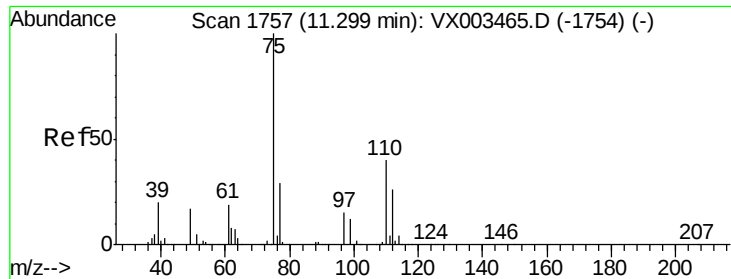
Ion Ratio Lower Upper

83	100		
131	10.8	5.6	16.8
85	64.3	32.4	97.2



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: 64.56 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

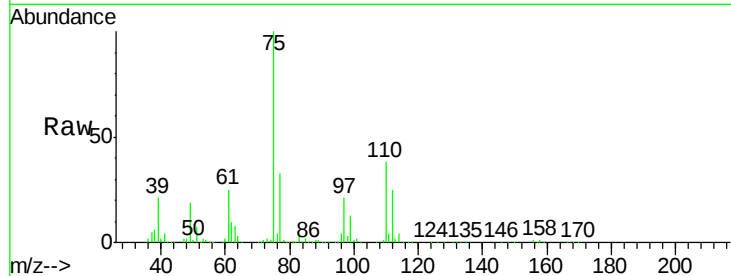
RE104D3-071318MSD

Tot Ion: 75 Resp: 268012

Ion Ratio Lower Upper

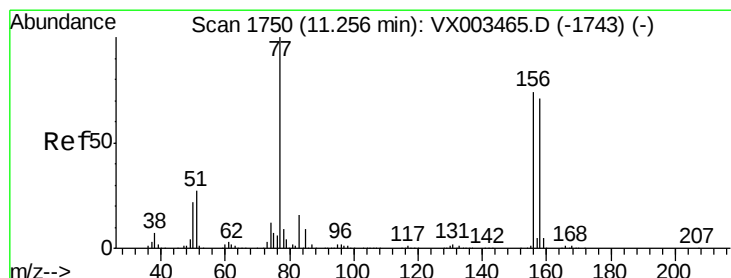
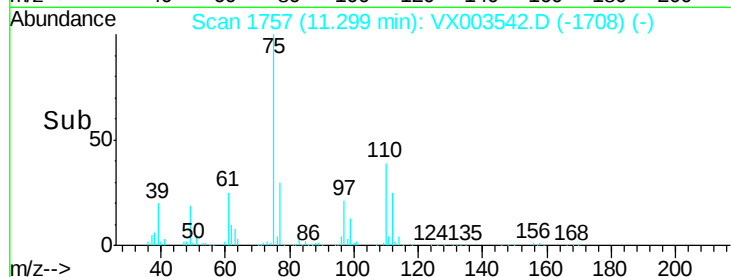
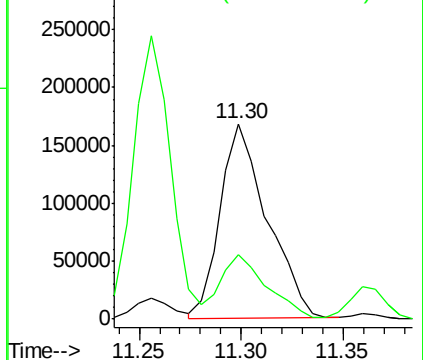
75 100

77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 48.71 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

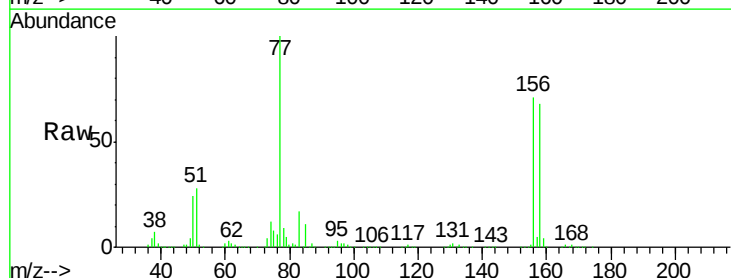
Tgt Ion: 156 Resp: 223877

Ion Ratio Lower Upper

156 100

77 139.2 71.4 214.2

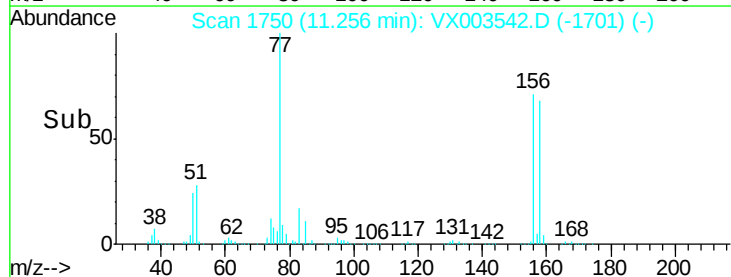
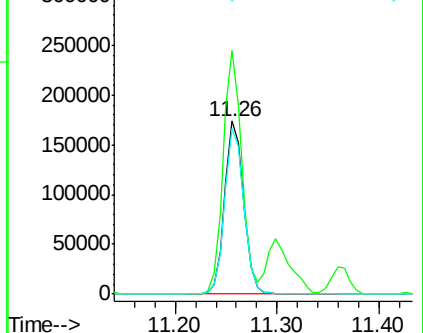
158 96.8 48.9 146.6

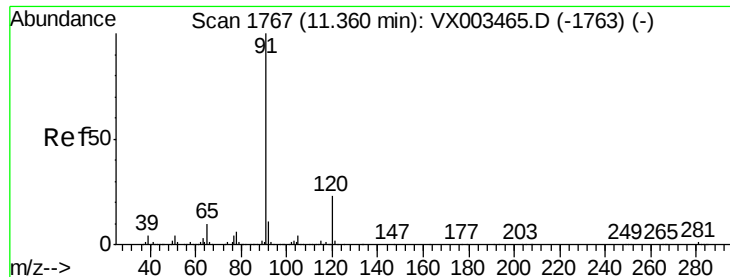


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 50.24 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

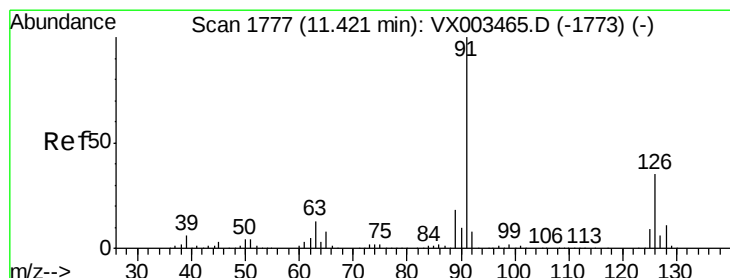
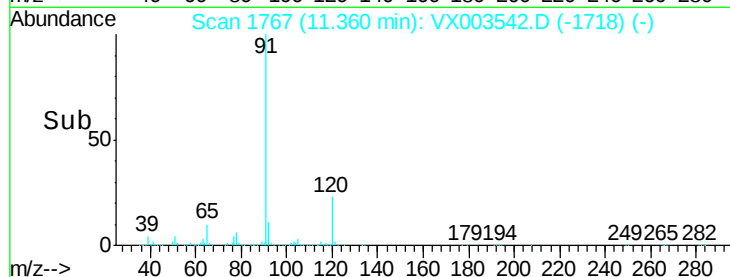
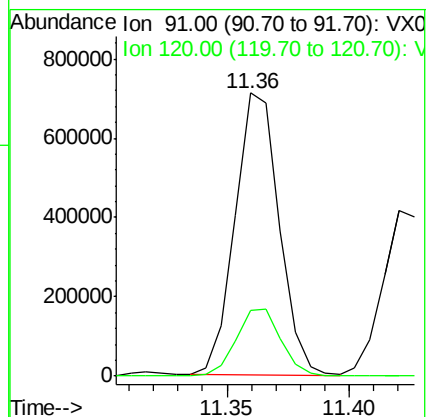
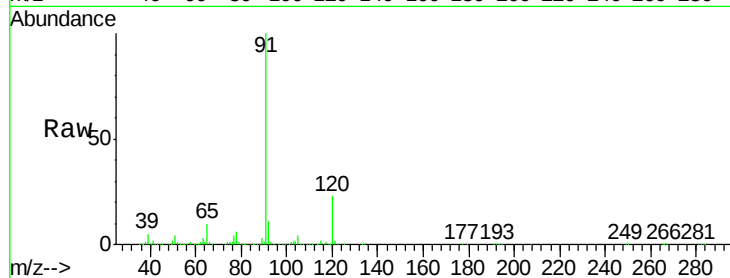
RE104D3-071318MSD

Tot Ion: 91 Resp: 892421

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4



#79

2-Chlorotoluene

Concen: 50.07 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003542.D

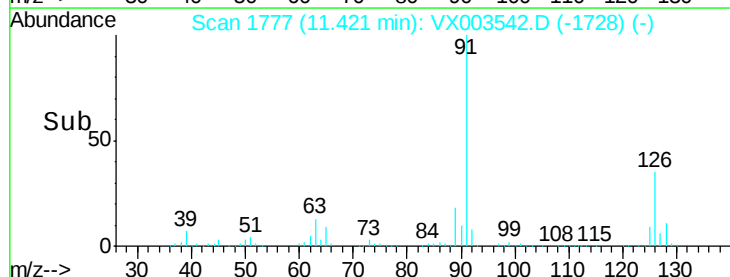
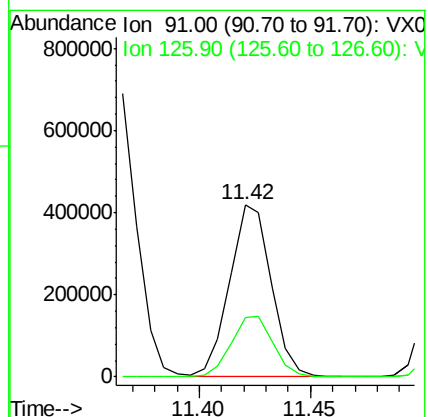
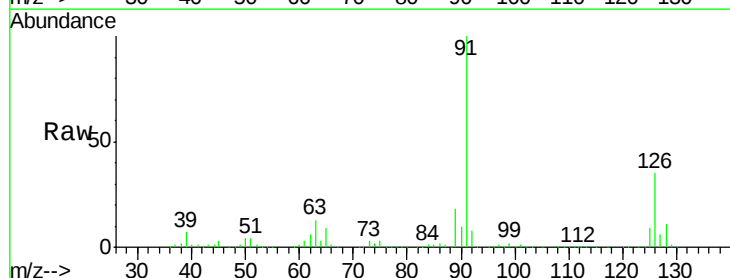
Acq: 21 Jul 2018 06:40

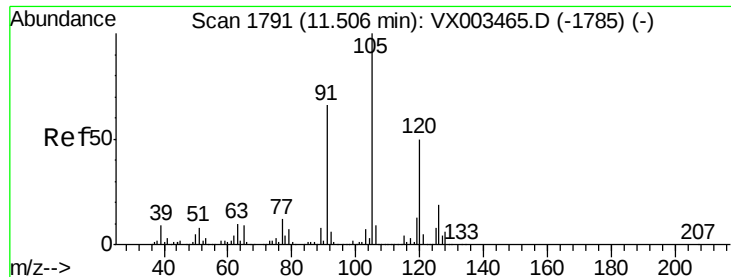
Tgt Ion: 91 Resp: 539908

Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1

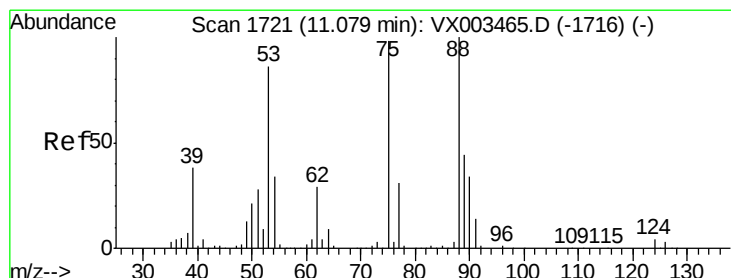
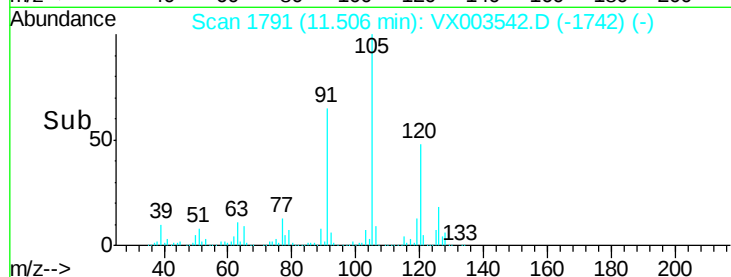
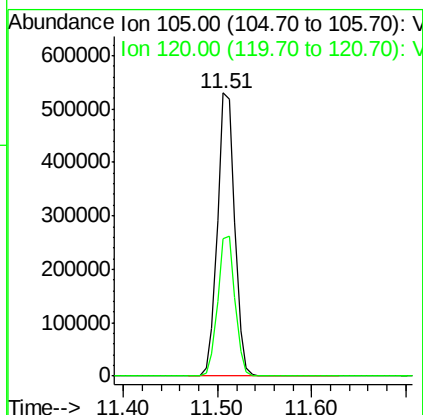
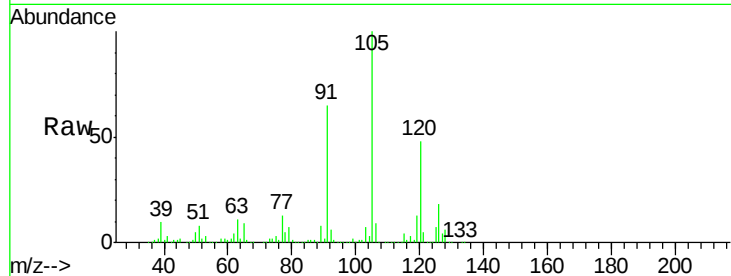




#80
 1,3,5-Trimethylbenzene
 Concen: 51.35 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

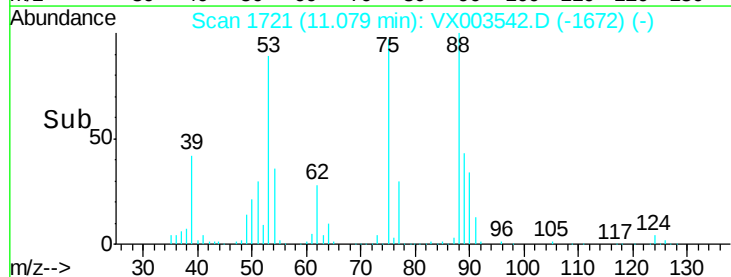
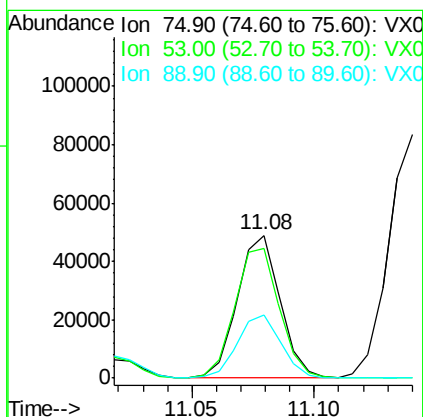
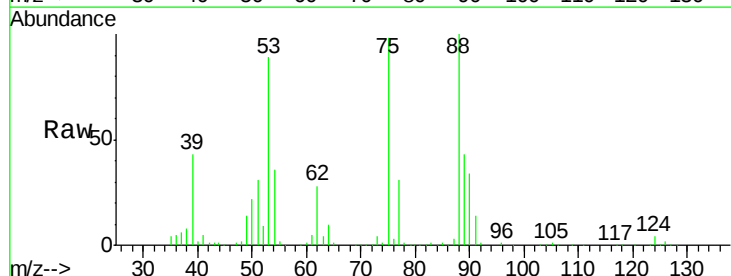
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

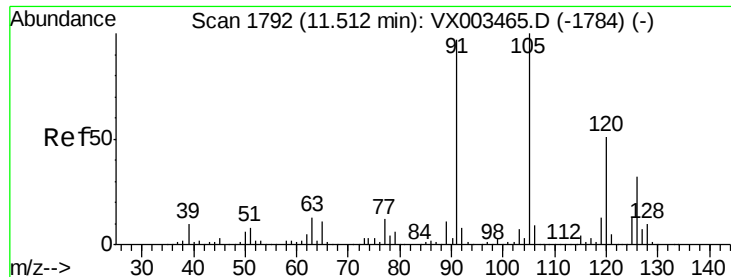
Tot Ion:105 Resp: 674376
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.68 ug/l
 RT: 11.08 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 75 Resp: 58776
 Ion Ratio Lower Upper
 75 100
 53 95.6 86.8 130.2
 89 45.6 38.2 57.2

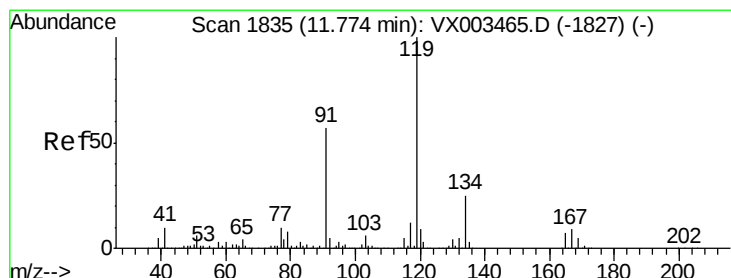
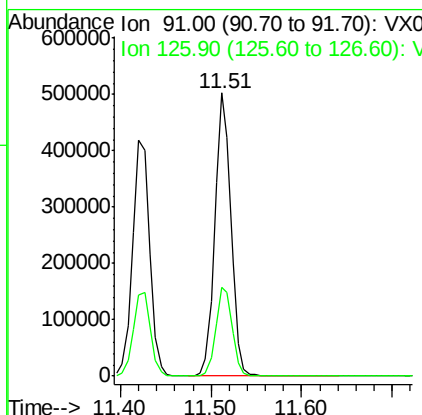
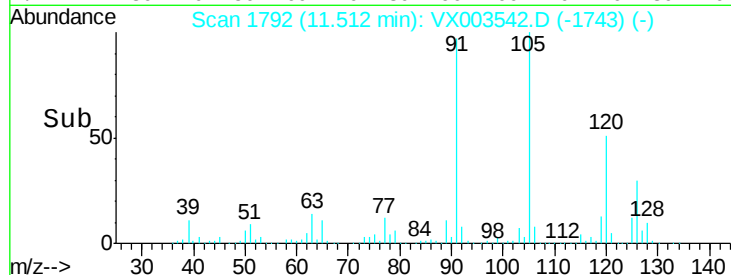
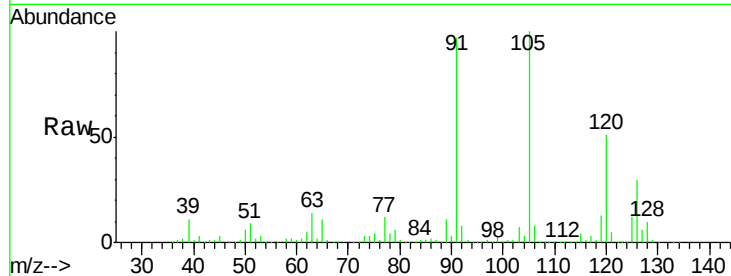




#82
4-Chlorotoluene
Concen: 49.91 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

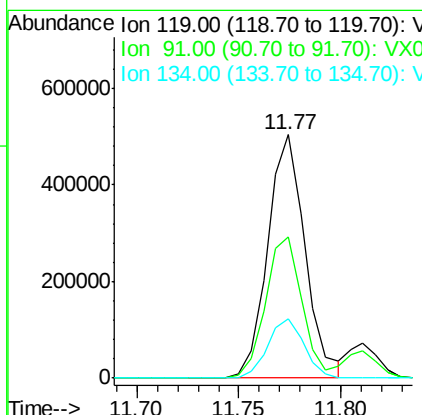
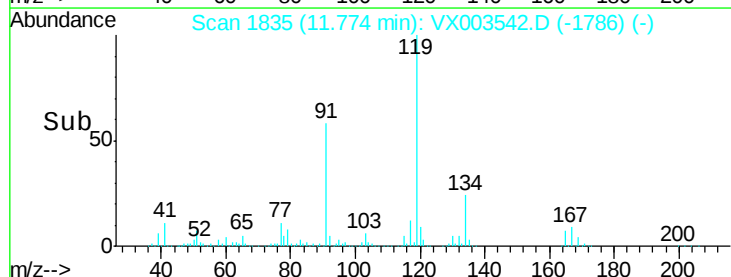
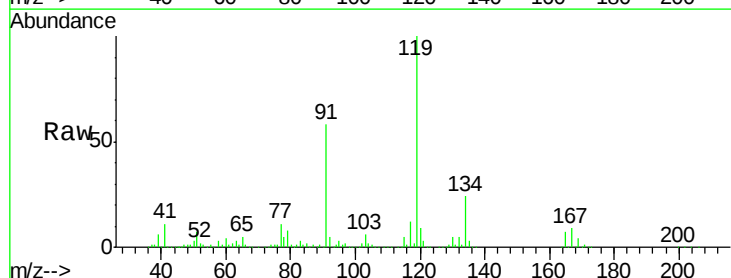
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

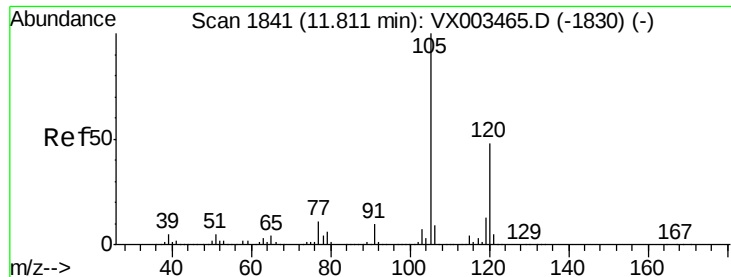
Tot Ion: 91 Resp: 630626
Ion Ratio Lower Upper
91 100
126 31.8 15.4 46.4



#83
tert-Butylbenzene
Concen: 50.00 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion: 119 Resp: 643082
Ion Ratio Lower Upper
119 100
91 56.5 30.3 90.9
134 23.8 11.7 35.1

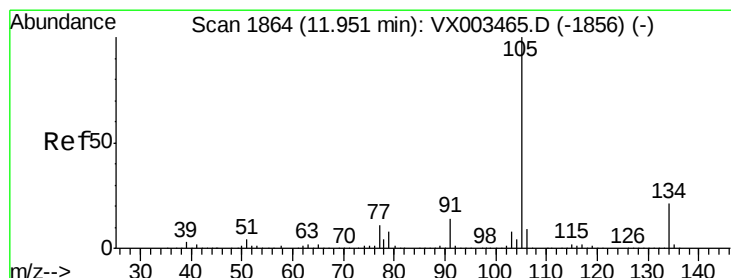
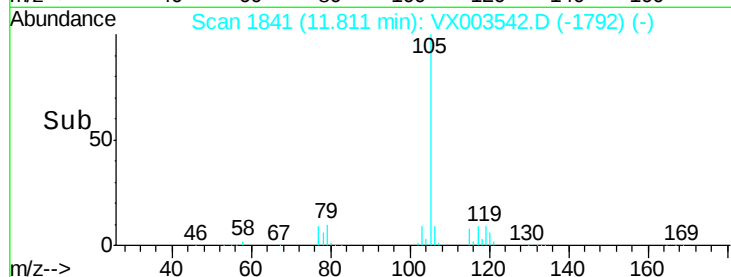
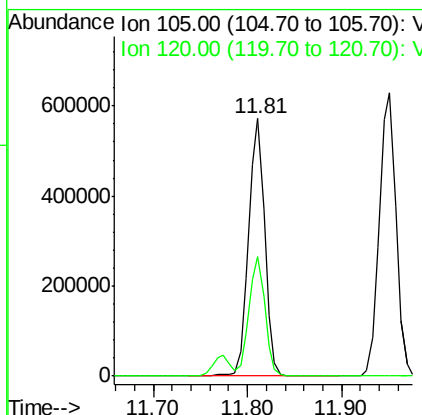
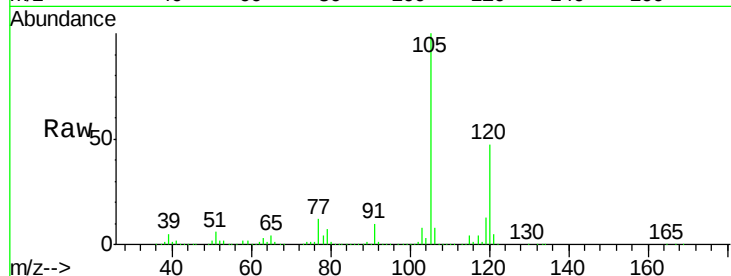




#84
 1,2,4-Trimethylbenzene
 Concen: 51.47 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

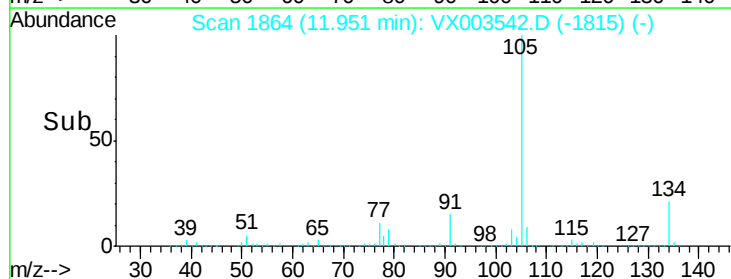
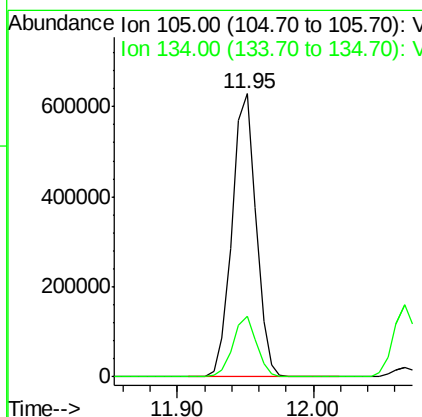
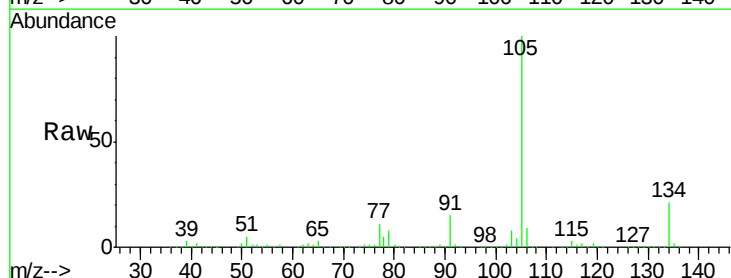
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

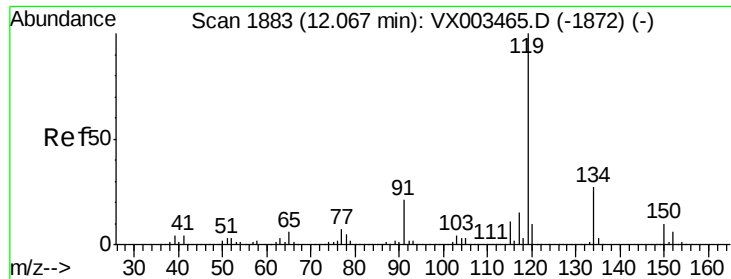
Tot Ion:105 Resp: 687862
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.3 66.8



#85
 sec-Butylbenzene
 Concen: 49.60 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion:105 Resp: 774805
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

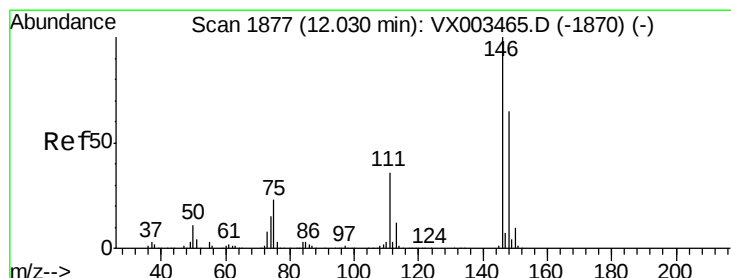
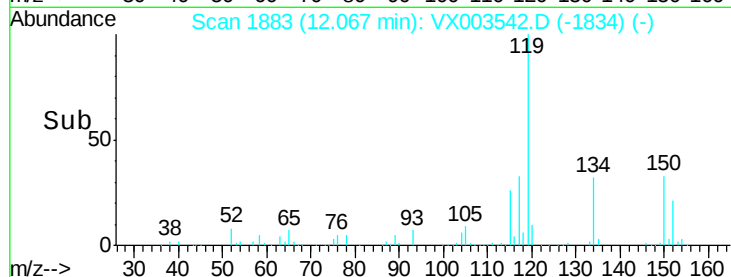
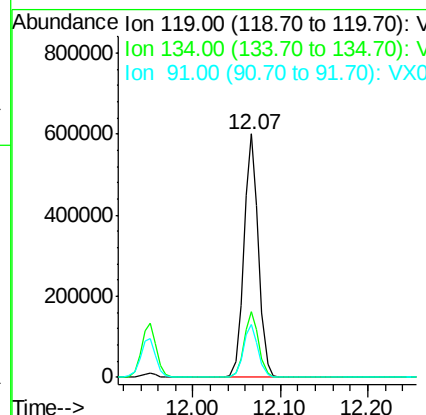
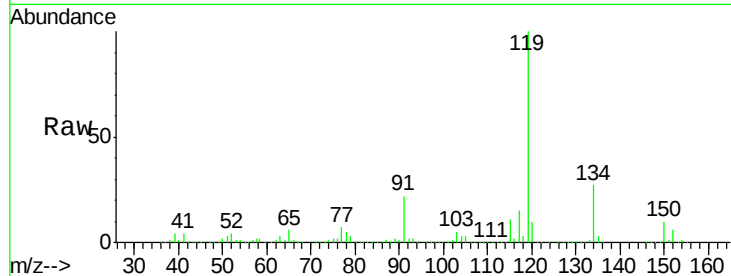




#86
p-Isopropyltoluene
Concen: 49.65 ug/l
RT: 12.07 min Scan# 1883
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

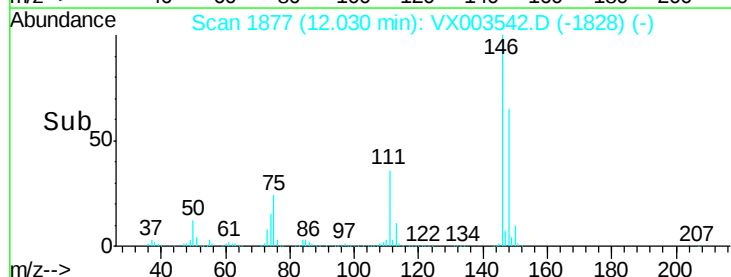
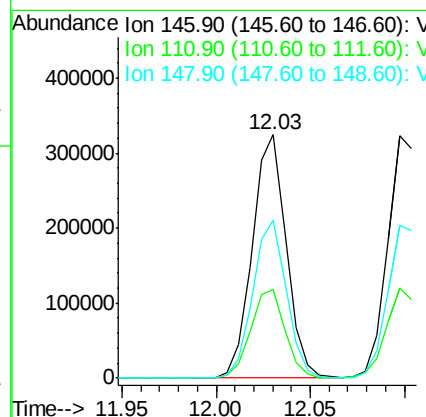
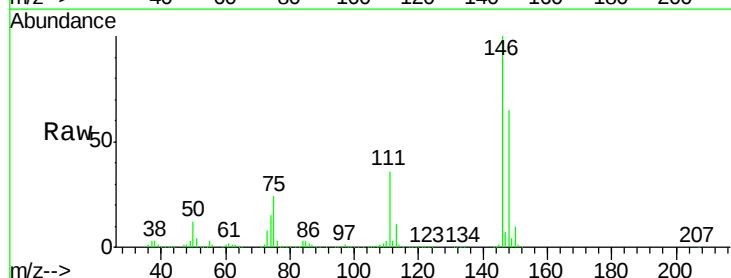
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

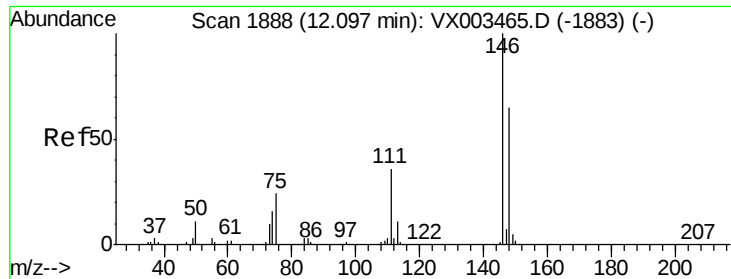
Tot Ion:119 Resp: 696155
Ion Ratio Lower Upper
119 100
134 26.9 13.4 40.1
91 21.8 11.9 35.7



#87
1,3-Dichlorobenzene
Concen: 47.87 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion:146 Resp: 404468
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 64.4 32.1 96.3





#88

1,4-Dichlorobenzene

Concen: 46.36 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

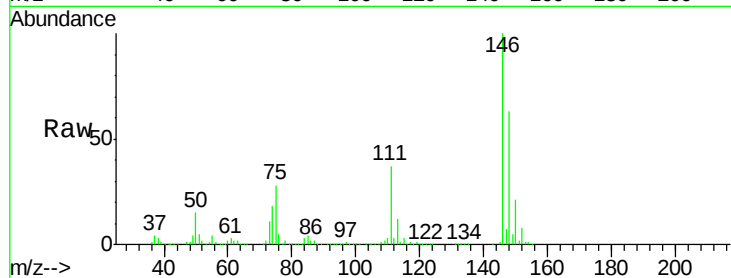
Tot Ion:146 Resp: 403453

Ion Ratio Lower Upper

146 100

111 36.7 18.7 56.1

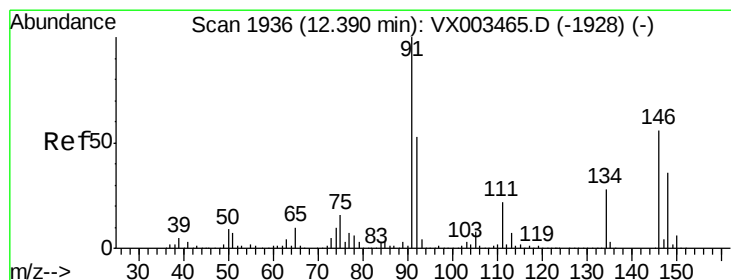
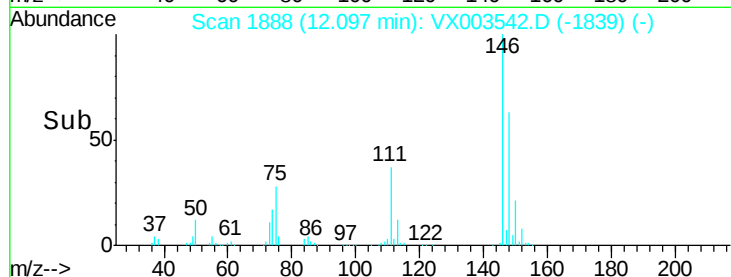
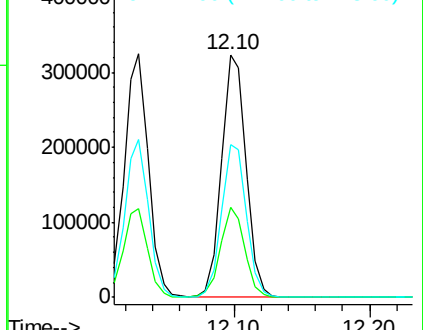
148 64.1 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 47.62 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

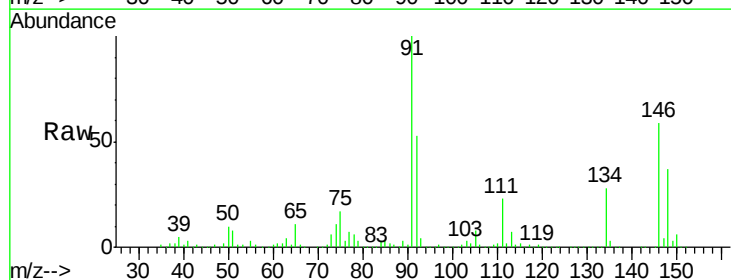
Tgt Ion: 91 Resp: 566919

Ion Ratio Lower Upper

91 100

92 52.9 26.0 78.0

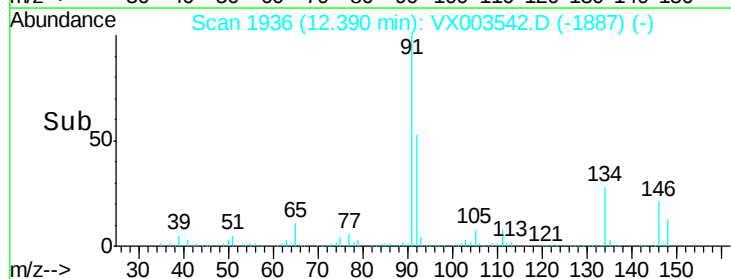
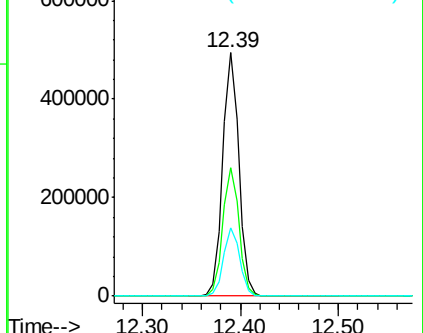
134 27.9 13.5 40.5

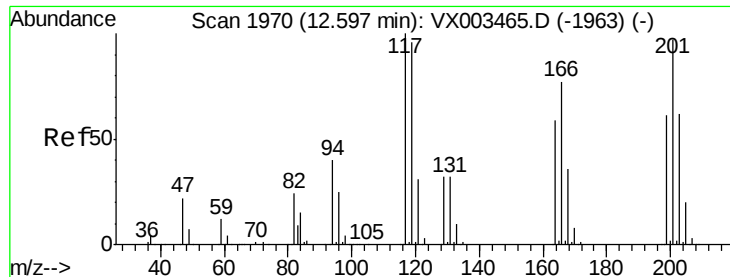


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V

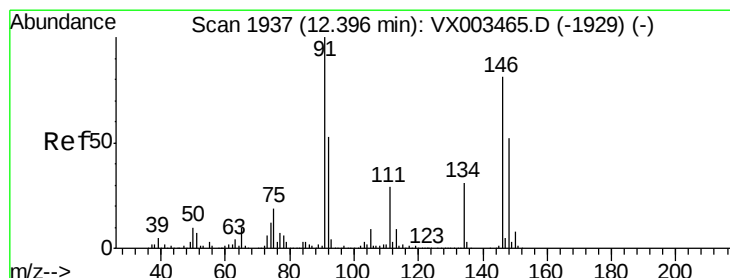
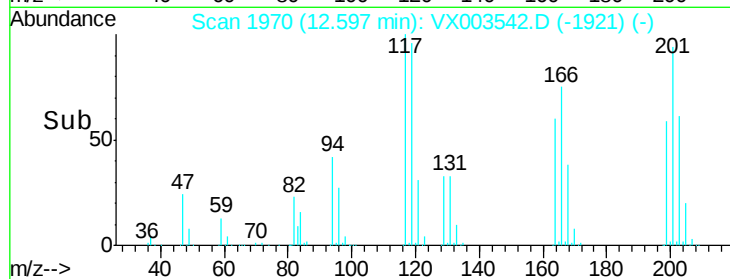
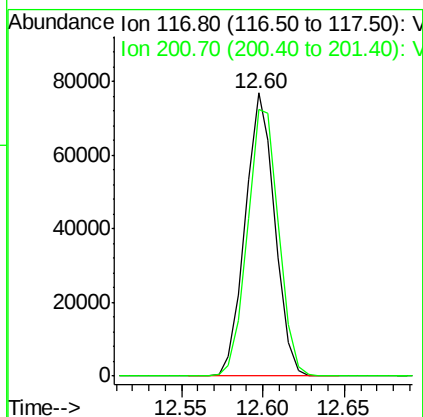
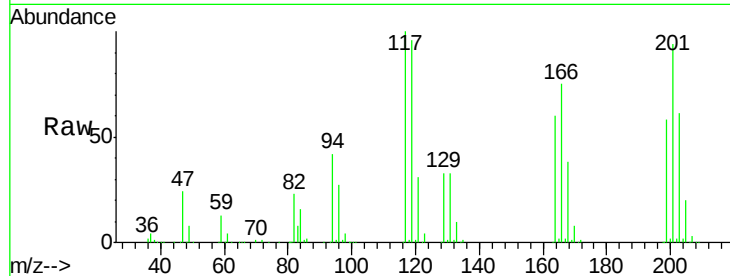




#90
Hexachloroethane
Concen: 48.80 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

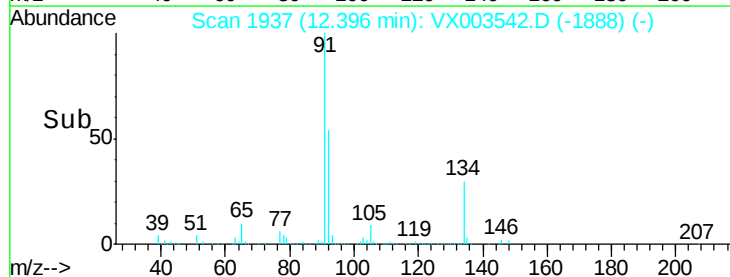
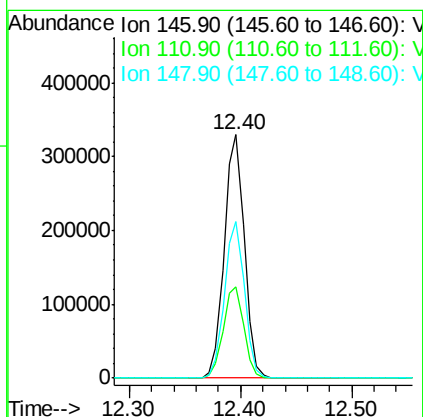
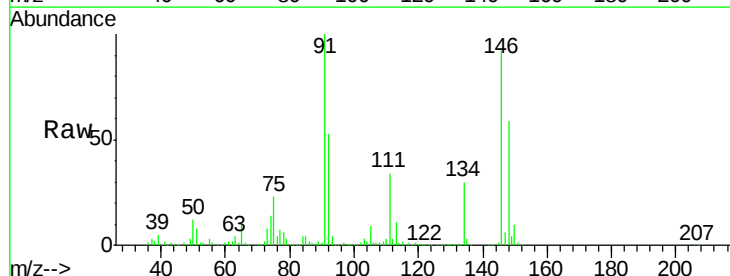
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-071318MSD

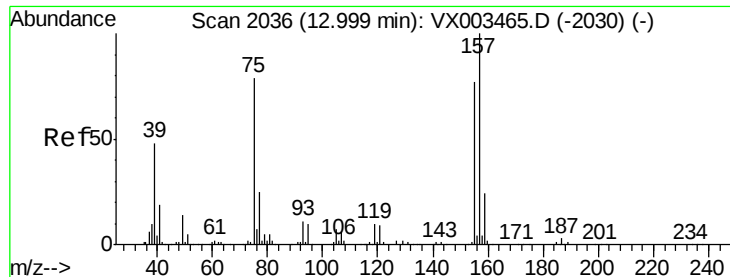
Tot Ion:117 Resp: 97255
Ion Ratio Lower Upper
117 100
201 99.2 49.0 147.0



#91
1,2-Dichlorobenzene
Concen: 49.32 ug/l
RT: 12.40 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VX003542.D
Acq: 21 Jul 2018 06:40

Tgt Ion:146 Resp: 410705
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.1
148 64.1 31.7 95.1

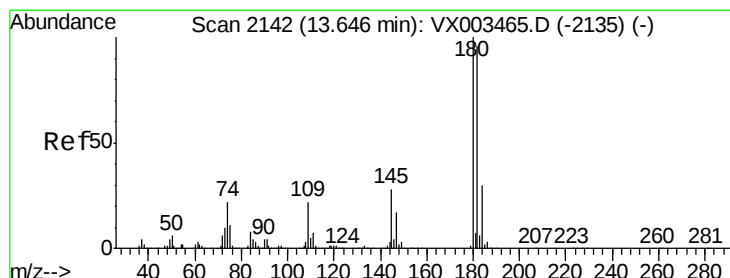
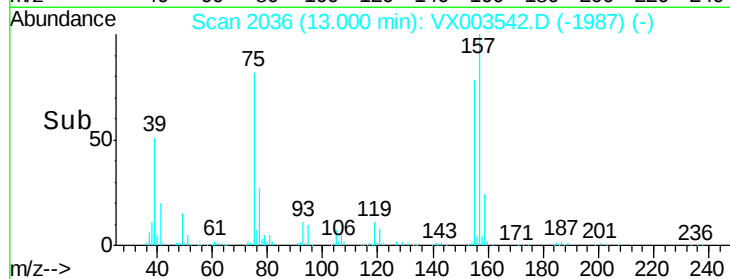
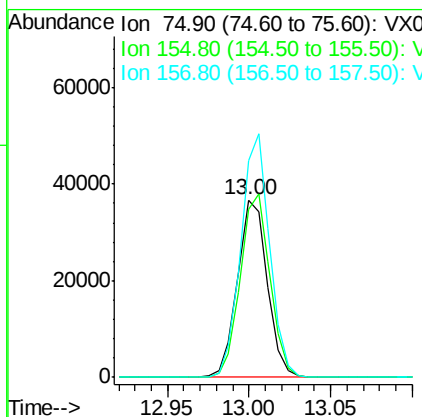
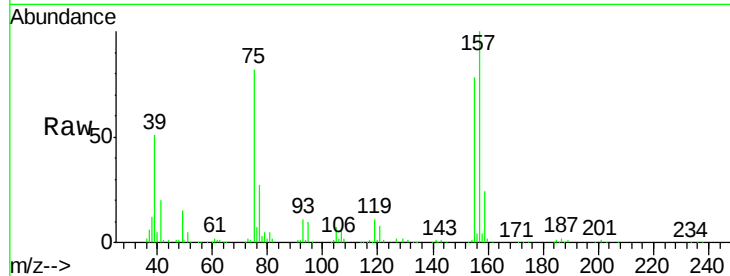




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.05 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

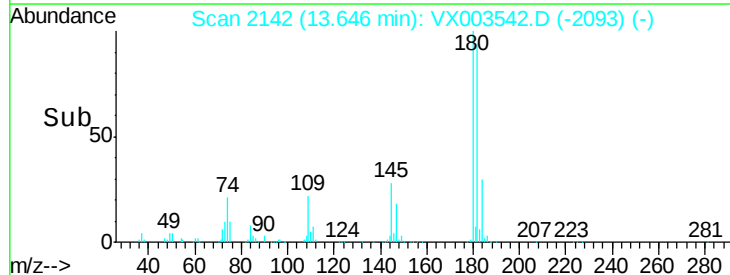
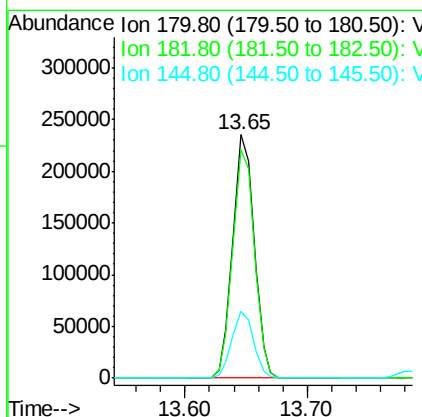
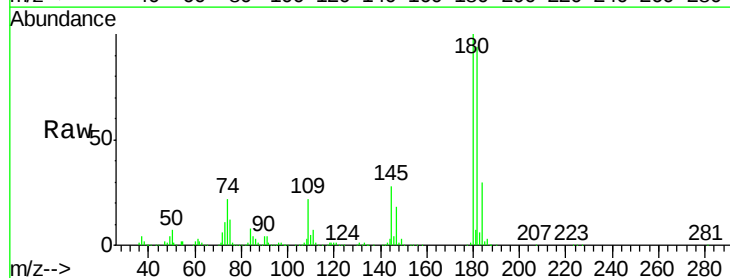
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

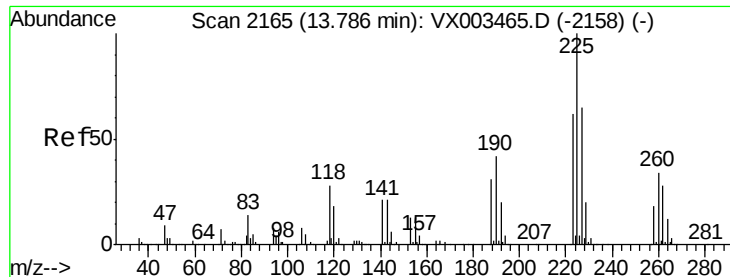
Tot Ion: 75 Resp: 46525
 Ion Ratio Lower Upper
 75 100
 155 103.4 45.8 137.4
 157 133.0 60.1 180.3



#93
 1,2,4-Trichlorobenzene
 Concen: 46.69 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Tgt Ion: 180 Resp: 284917
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.7 143.1
 145 27.8 14.1 42.4





#94

Hexachlorobutadiene

Concen: 43.34 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-071318MSD

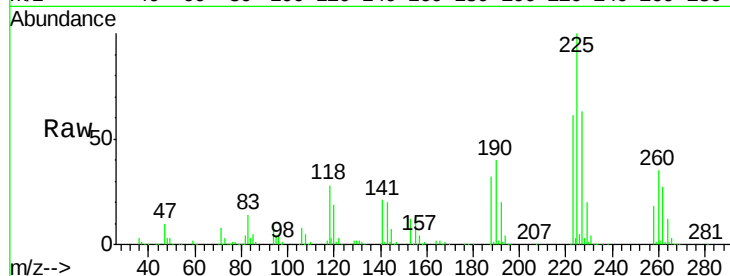
Tot Ion:225 Resp: 127194

Ion Ratio Lower Upper

225 100

223 62.1 31.6 95.0

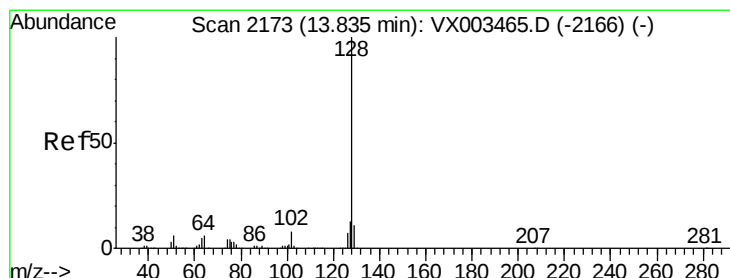
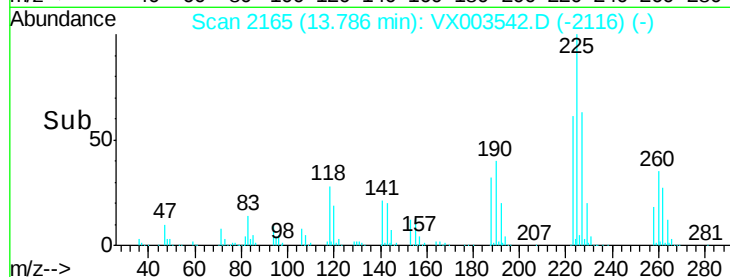
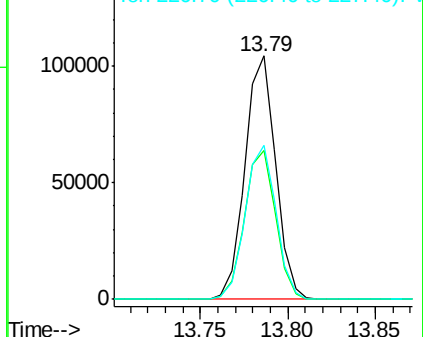
227 63.6 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.09 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003542.D

Acq: 21 Jul 2018 06:40

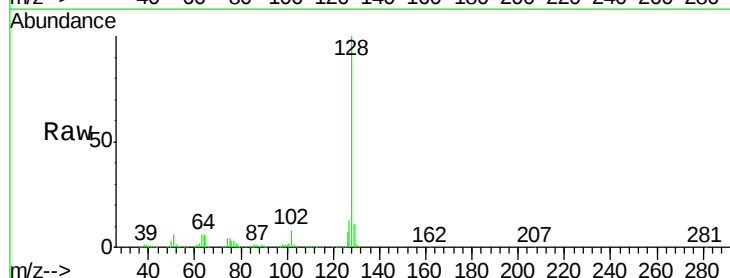
Tgt Ion:128 Resp: 835345

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

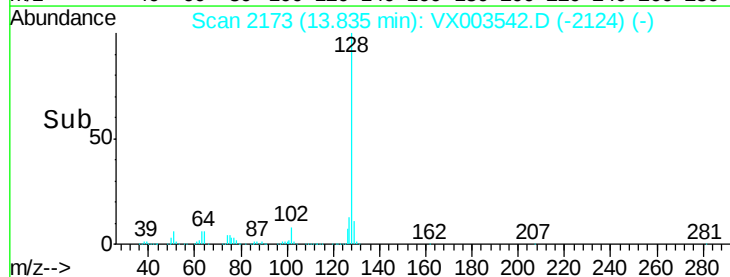
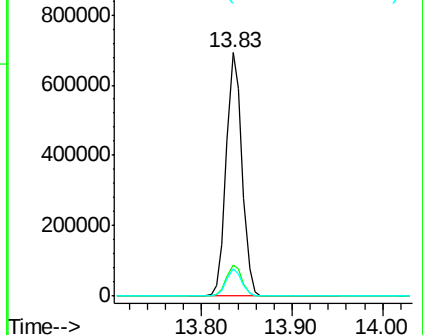
129 10.9 8.6 13.0

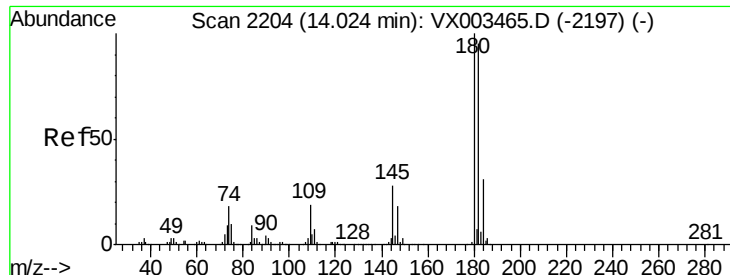


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 47.61 ug/l
 RT: 14.02 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VX003542.D
 Acq: 21 Jul 2018 06:40

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-071318MSD

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.0	144.0
145	29.5	14.8	44.3

