

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003834.D
 Acq On : 02 Aug 2018 20:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 03 01:40:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	88977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	136416	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	135327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	83960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	65529	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	5.51	113	55217	49.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.08%	
50) Toluene-d8	8.72	98	208192	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.14	95	76672	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	36444	37.091	ug/l	100
3) Chloromethane	1.32	50	67756	50.050	ug/l	100
4) Vinyl Chloride	1.40	62	55560	41.794	ug/l	100
5) Bromomethane	1.64	94	25369	39.824	ug/l	100
6) Chloroethane	1.71	64	29632	37.394	ug/l	100
7) Trichlorofluoromethane	1.92	101	66350	39.127	ug/l	100
8) Diethyl Ether	2.19	74	35598	46.553	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37184	36.000	ug/l	100
10) Methyl Iodide	2.51	142	68925	51.289	ug/l	100
11) Tert butyl alcohol	3.09	59	70654	227.950	ug/l	100
12) 1,1-Dichloroethene	2.37	96	42133	41.878	ug/l	100
13) Acrolein	2.29	56	60733	374.482	ug/l	100
14) Allyl chloride	2.72	41	86509	41.538	ug/l	100
15) Acrylonitrile	3.15	53	167184	222.675	ug/l	100
16) Acetone	2.45	43	166021	262.731	ug/l	100
17) Carbon Disulfide	2.56	76	121140	41.866	ug/l	100
18) Methyl Acetate	2.78	43	76535	41.880	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	173473	47.941	ug/l	100
20) Methylene Chloride	2.86	84	56915	46.691	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	50129	45.817	ug/l	100
22) Diisopropyl ether	3.87	45	169908	44.251	ug/l	100
23) Vinyl Acetate	3.82	43	742427	225.389	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94591	43.510	ug/l	100
25) 2-Butanone	4.71	43	293818	294.584	ug/l	100
26) 2,2-Dichloropropane	4.59	77	59926	43.878	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	60969	50.465	ug/l	100
28) Bromochloromethane	5.02	49	48199	53.031	ug/l	100
29) Tetrahydrofuran	5.17	42	152440	246.260	ug/l	100
30) Chloroform	5.22	83	99219	49.345	ug/l	100
31) Cyclohexane	5.57	56	65810	38.787	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	77834	47.285	ug/l	100
36) 1,1-Dichloropropene	5.80	75	66550	42.678	ug/l	100
37) Ethyl Acetate	4.87	43	88517	46.475	ug/l	100
38) Carbon Tetrachloride	5.79	117	64965	43.218	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003834.D
 Acq On : 02 Aug 2018 20:15
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 03 01:40:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:37:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	62001	37.342	ug/l	100
40) Benzene	6.14	78	228579	48.679	ug/l	100
41) Methacrylonitrile	5.07	41	49304	46.770	ug/l	100
42) 1,2-Dichloroethane	6.20	62	78916	47.805	ug/l	100
43) Isopropyl Acetate	6.47	43	136313	49.115	ug/l	100
44) Trichloroethene	7.21	130	58818	46.852	ug/l	100
45) 1,2-Dichloropropane	7.52	63	60880	50.009	ug/l	100
46) Dibromomethane	7.67	93	40144	50.980	ug/l	100
47) Bromodichloromethane	7.90	83	74990	50.993	ug/l	100
48) Methyl methacrylate	7.78	41	70043	49.722	ug/l	100
49) 1,4-Dioxane	7.76	88	32935	1040.855	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	580486	296.927	ug/l	100
52) Toluene	8.79	92	142442	48.799	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	84806	52.073	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	91315	51.087	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	61961	51.472	ug/l	100
56) Ethyl methacrylate	9.18	69	93990	52.741	ug/l	100
57) 1,3-Dichloropropane	9.37	76	101966	50.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243476	270.455	ug/l	100
59) 2-Hexanone	9.50	43	449612	300.163	ug/l	100
60) Dibromochloromethane	9.59	129	62799	54.723	ug/l	100
61) 1,2-Dibromoethane	9.68	107	65318	51.978	ug/l	100
64) Tetrachloroethene	9.34	164	54868	45.036	ug/l	100
65) Chlorobenzene	10.14	112	164807	48.513	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	60413	50.918	ug/l	100
67) Ethyl Benzene	10.26	91	266673	47.459	ug/l	100
68) m/p-Xylenes	10.36	106	210798	97.589	ug/l	100
69) o-Xylene	10.70	106	104399	49.957	ug/l	100
70) Styrene	10.71	104	180091	51.246	ug/l	100
71) Bromoform	10.86	173	51521	54.494	ug/l	100
73) Isopropylbenzene	11.02	105	261892	46.560	ug/l	100
74) N-amyl acetate	6.47	43	136313	46.230	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	98741	46.875	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112425	63.960	ug/l	84
77) Bromobenzene	11.26	156	78813	50.428	ug/l	100
78) n-propylbenzene	11.36	91	299421	46.274	ug/l	100
79) 2-Chlorotoluene	11.42	91	187876	47.233	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	230874	48.316	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	29054	51.486	ug/l	100
82) 4-Chlorotoluene	11.51	91	221347	47.272	ug/l	100
83) tert-Butylbenzene	11.77	119	221739	47.432	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	243538	49.429	ug/l	100
85) sec-Butylbenzene	11.95	105	247741	44.955	ug/l	100
86) p-Isopropyltoluene	12.07	119	231379	46.540	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	141304	48.821	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	144729	48.062	ug/l	100
89) n-Butylbenzene	12.39	91	191171	43.012	ug/l	100
90) Hexachloroethane	12.60	117	36637	47.880	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	145578	49.097	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22338	50.660	ug/l	100

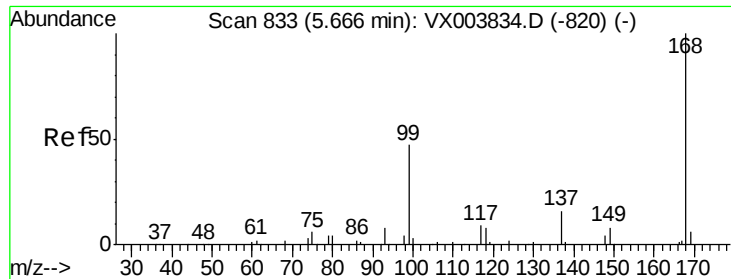
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
Data File : VX003834.D
Acq On : 02 Aug 2018 20:15
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Quant Time: Aug 03 01:40:02 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 03 01:37:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	105597	49.927	ug/l	100
94) Hexachlorobutadiene	13.79	225	40063	41.974	ug/l	100
95) Naphthalene	13.83	128	338497	52.930	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110465	51.327	ug/l	100

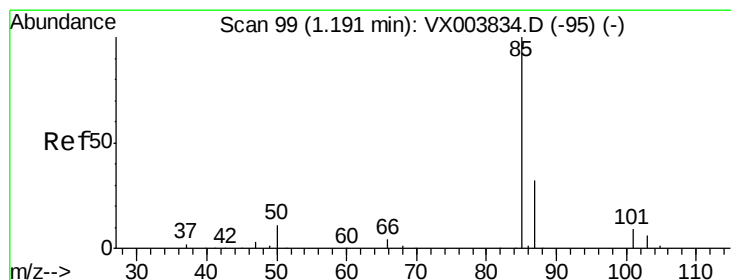
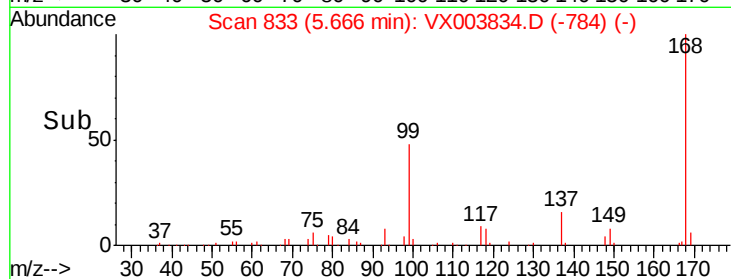
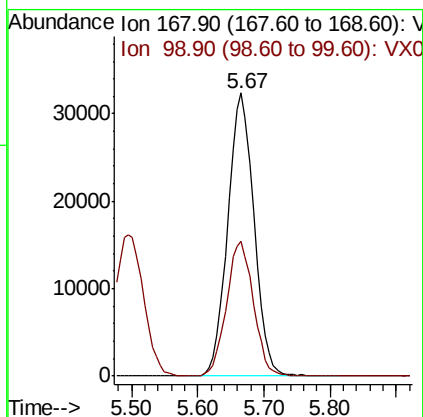
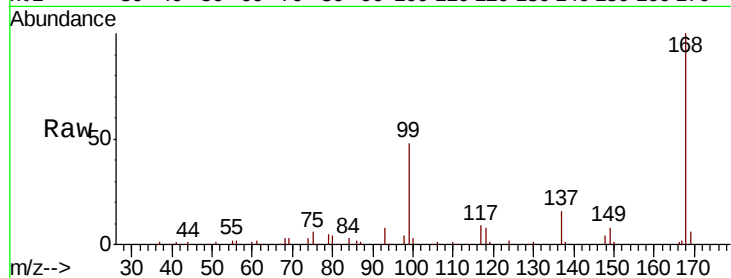
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

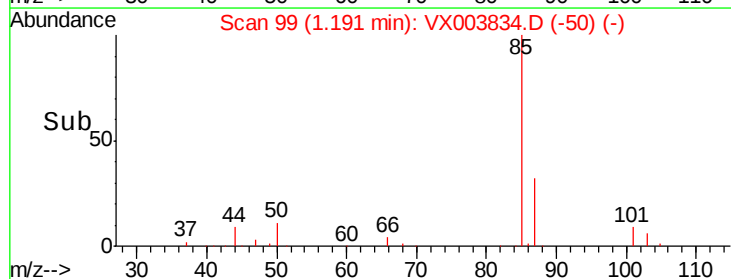
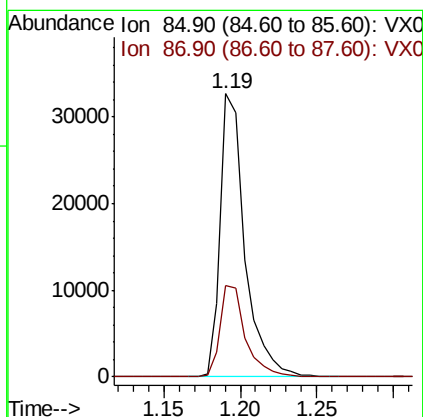
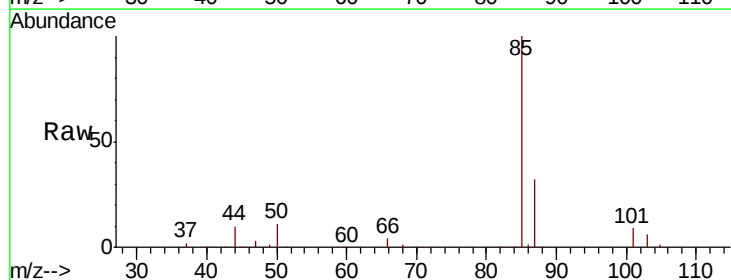
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

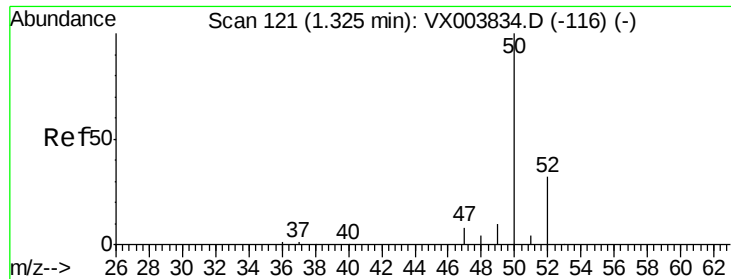
Tgt Ion:168 Resp: 88977
Ion Ratio Lower Upper
168 100
99 47.6 38.1 57.1



#2
Dichlorodifluoromethane
Concen: 37.091 ug/l
RT: 1.19 min Scan# 99
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 85 Resp: 36444
Ion Ratio Lower Upper
85 100
87 32.3 16.2 48.5





#3

Chloromethane

Concen: 50.050 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

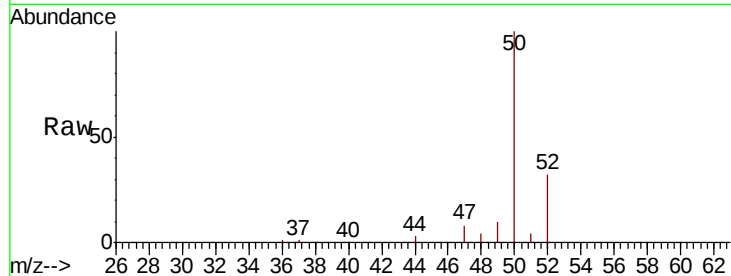
VSTDICCC050

Tgt Ion: 50 Resp: 67756

Ion Ratio Lower Upper

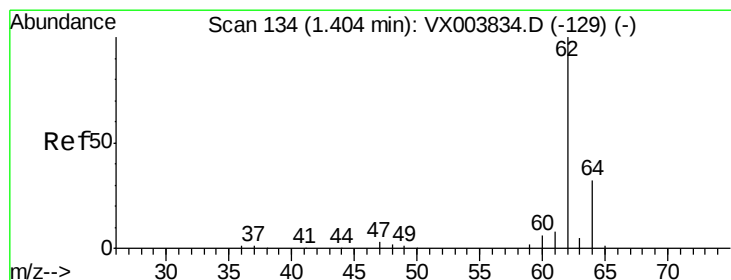
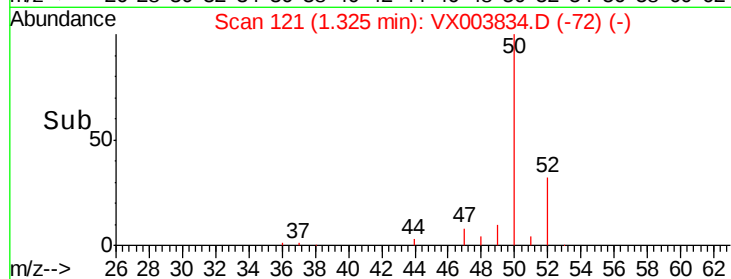
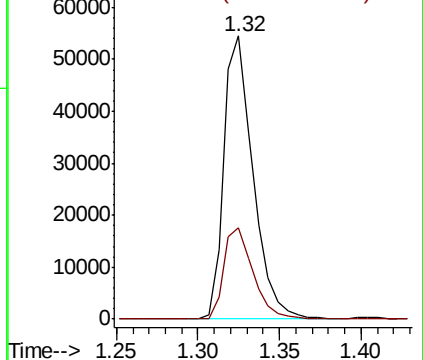
50 100

52 32.3 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.794 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003834.D

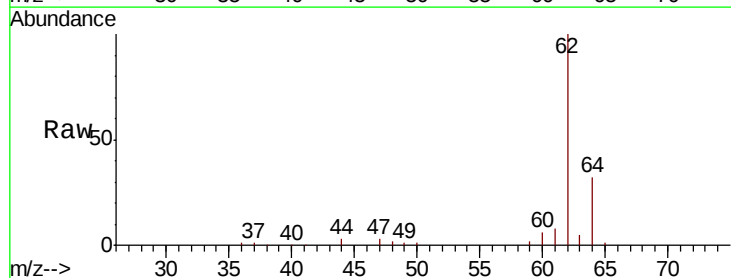
Acq: 02 Aug 2018 20:15

Tgt Ion: 62 Resp: 55560

Ion Ratio Lower Upper

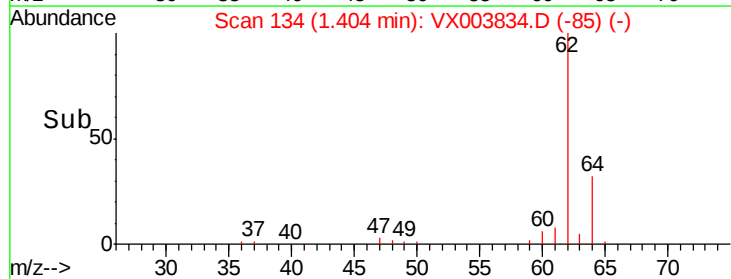
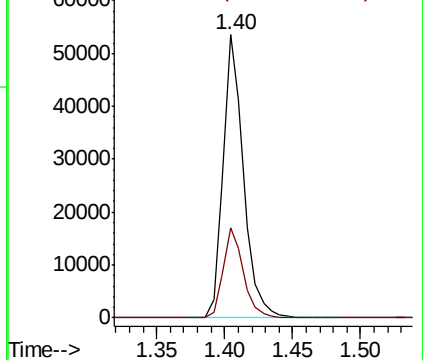
62 100

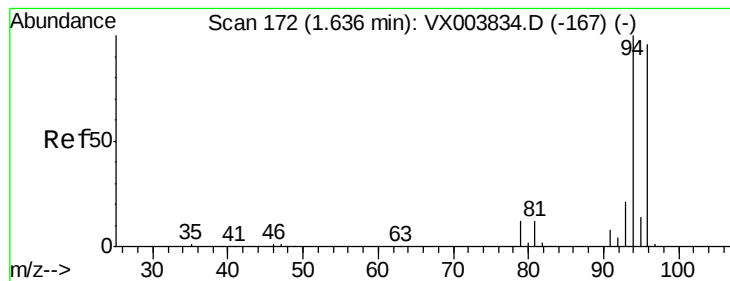
64 31.6 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 39.824 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

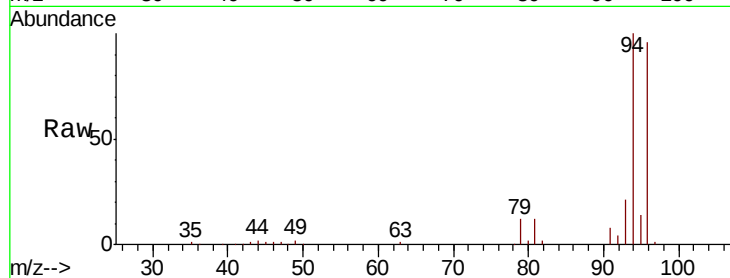
VSTDICCC050

Tgt Ion: 94 Resp: 25369

Ion Ratio Lower Upper

94 100

96 96.1 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

25000

20000

15000

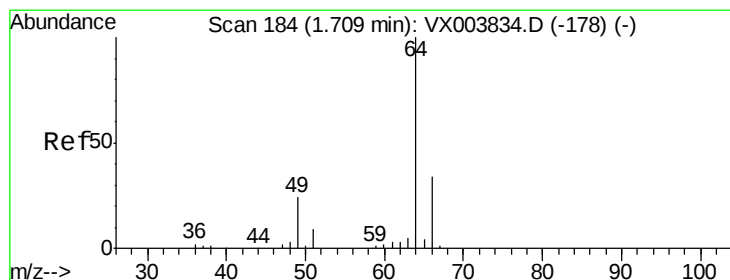
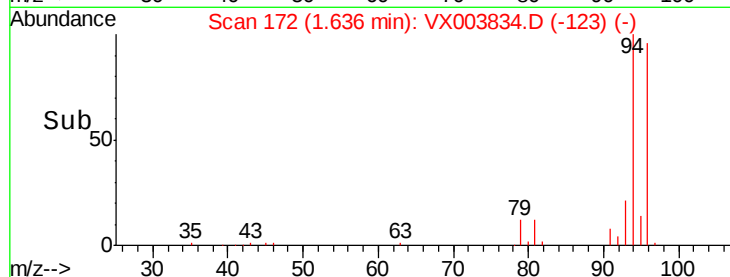
10000

5000

0

Time-->

1.60 1.65 1.70



#6

Chloroethane

Concen: 37.394 ug/l

RT: 1.71 min Scan# 184

Delta R.T. 0.00 min

Lab File: VX003834.D

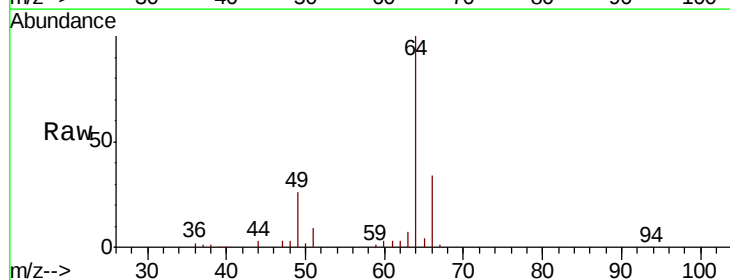
Acq: 02 Aug 2018 20:15

Tgt Ion: 64 Resp: 29632

Ion Ratio Lower Upper

64 100

66 34.0 27.2 40.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

25000

20000

15000

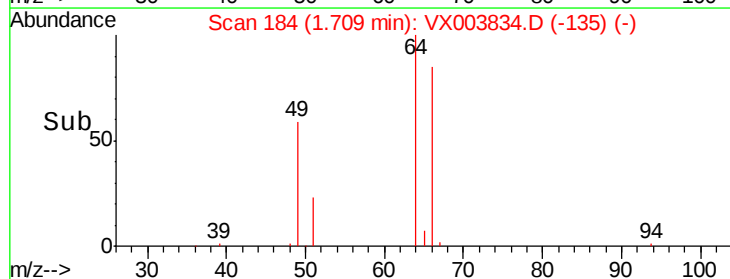
10000

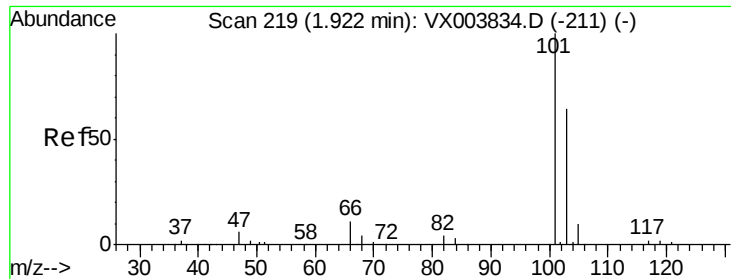
5000

0

Time-->

1.65 1.70 1.75 1.80 1.85



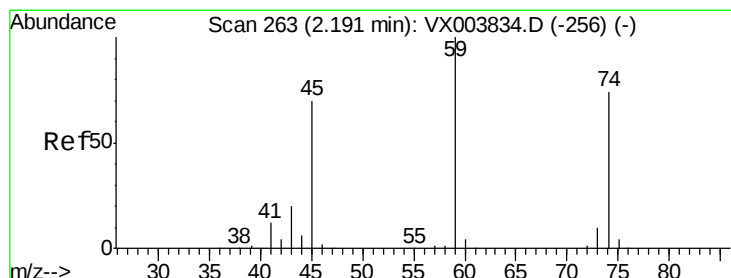
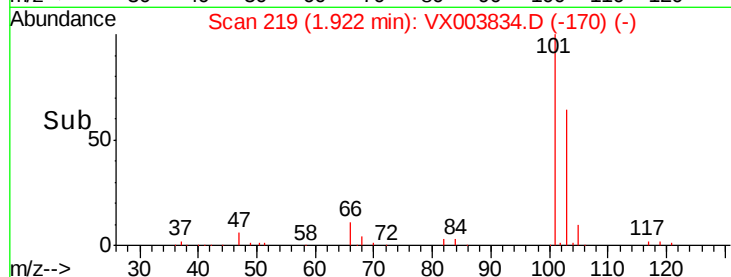
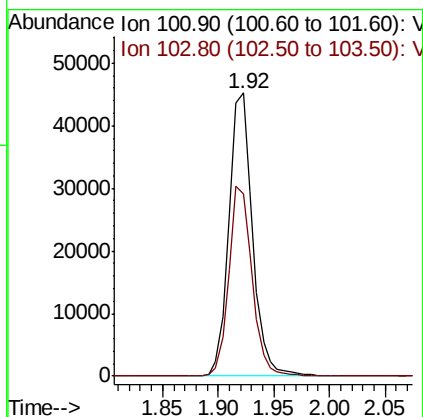
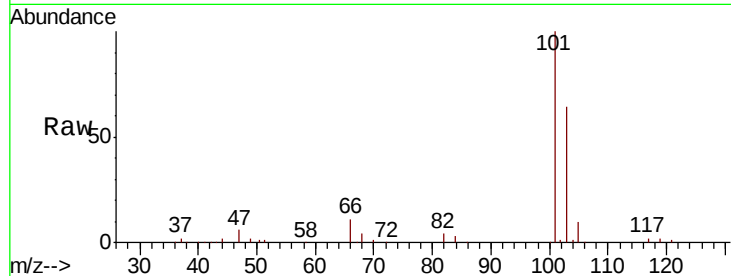


#7

Trichlorofluoromethane
 Concen: 39.127 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

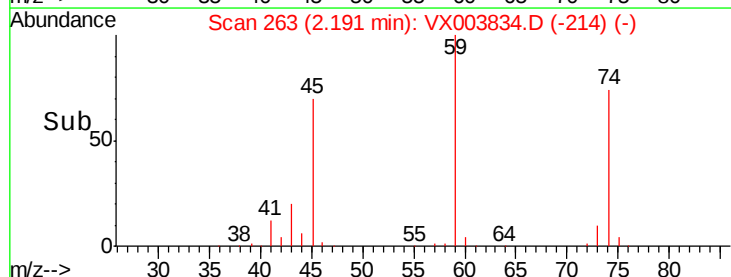
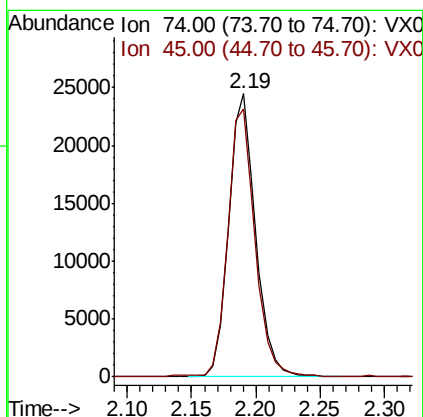
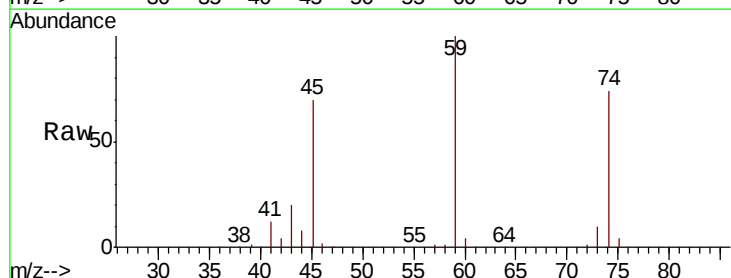
Tgt Ion:101 Resp: 66350
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

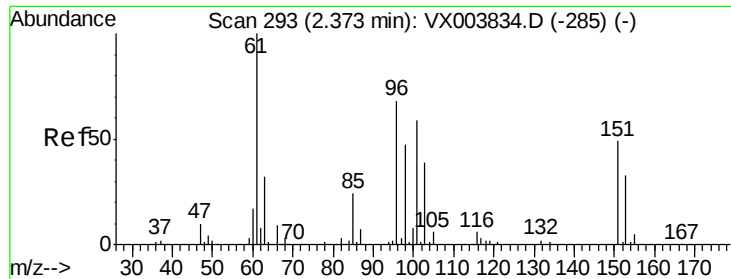


#8

Diethyl Ether
 Concen: 46.553 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 74 Resp: 35598
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 36.000 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

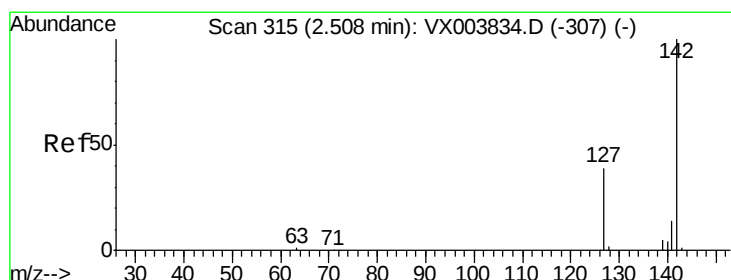
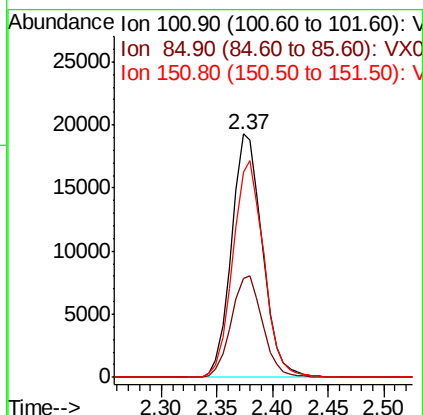
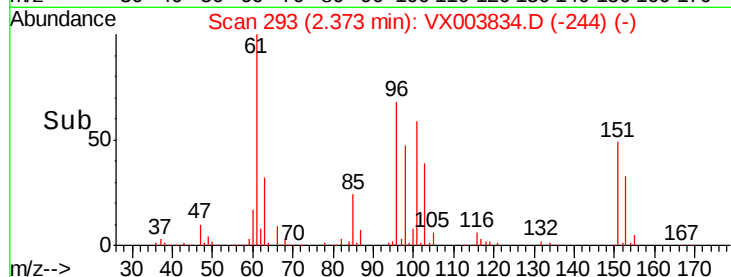
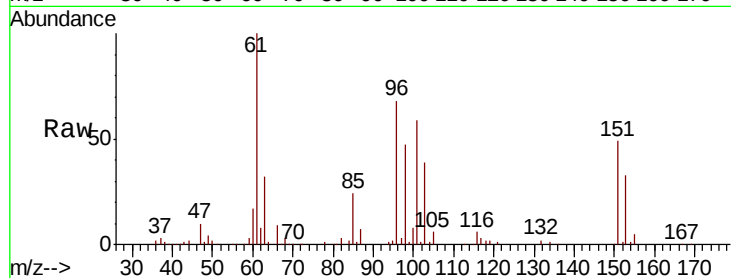
Tgt Ion:101 Resp: 37184

Ion Ratio Lower Upper

101 100

85 42.0 33.6 50.4

151 88.7 71.0 106.4



#10

Methyl Iodide

Concen: 51.289 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

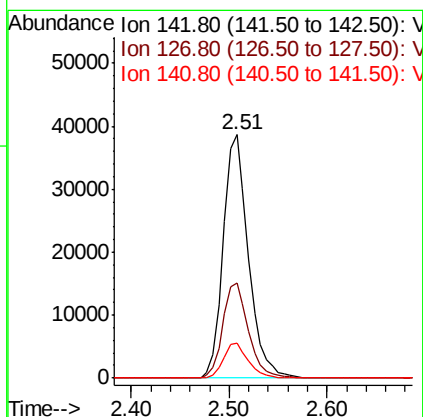
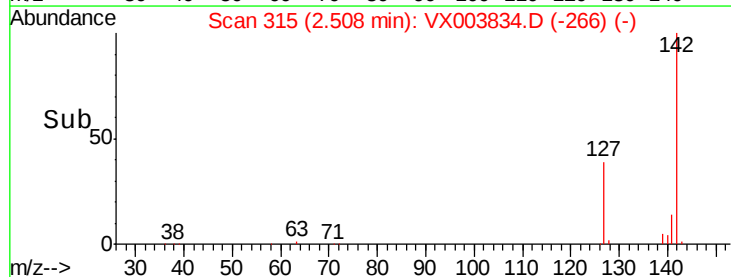
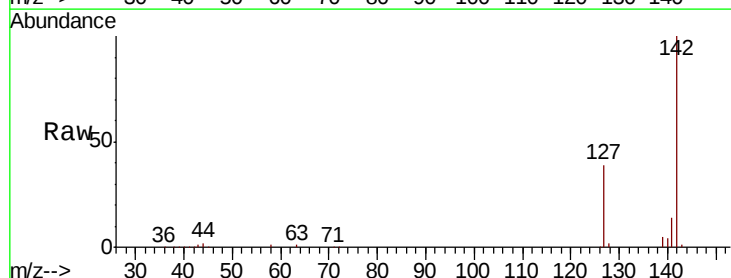
Tgt Ion:142 Resp: 68925

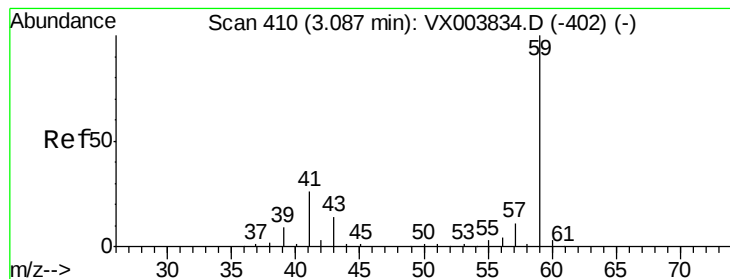
Ion Ratio Lower Upper

142 100

127 39.8 31.8 47.8

141 14.1 11.3 16.9



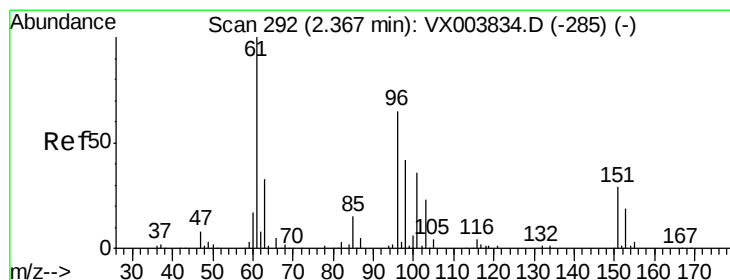
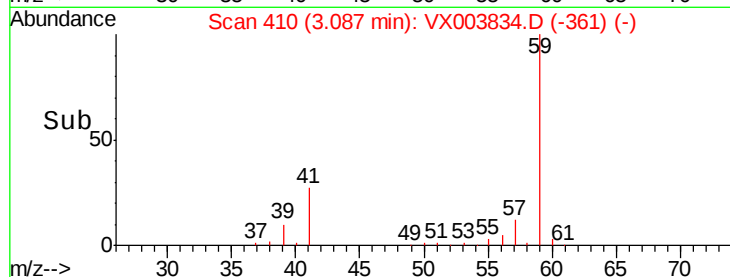
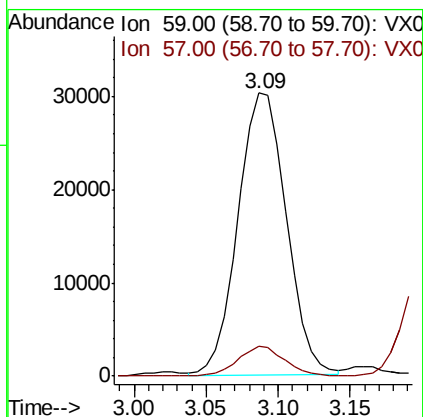
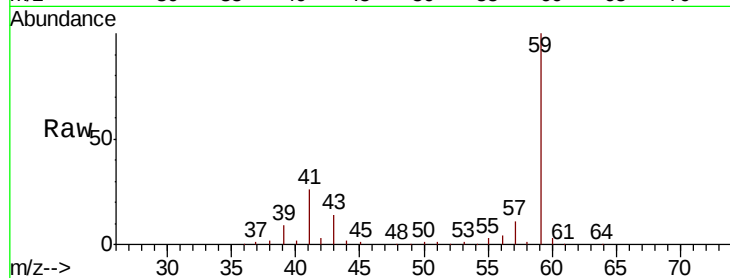


#11

Tert butyl alcohol
 Concen: 227.950 ug/l
 RT: 3.09 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

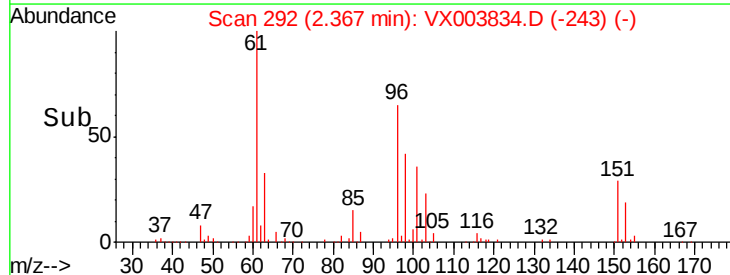
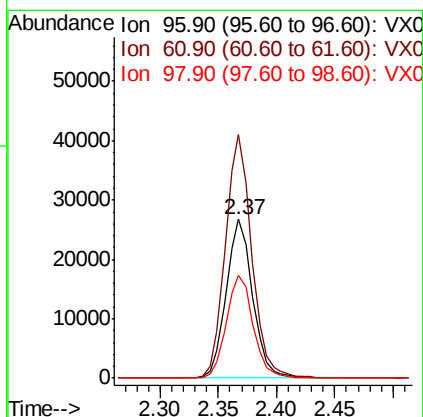
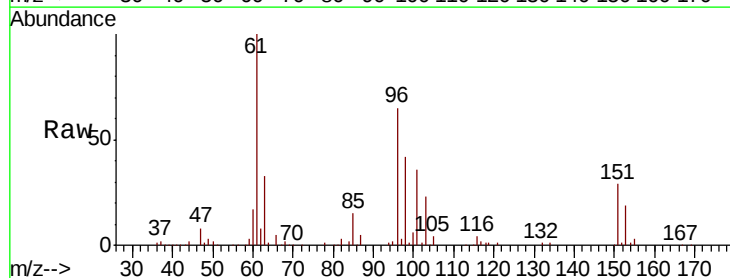
Tgt Ion: 59 Resp: 70654
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

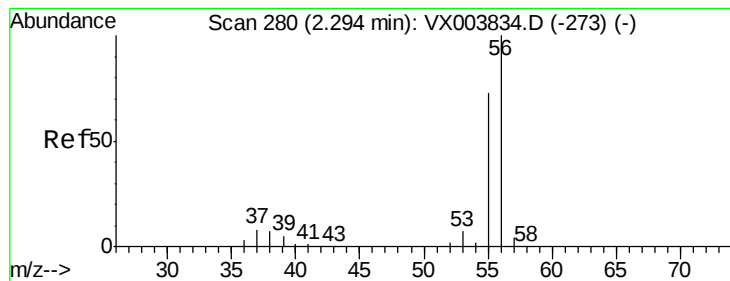


#12

1,1-Dichloroethene
 Concen: 41.878 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 96 Resp: 42133
 Ion Ratio Lower Upper
 96 100
 61 153.5 122.8 184.2
 98 64.8 51.8 77.8





#13

Acrolein

Concen: 374.482 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

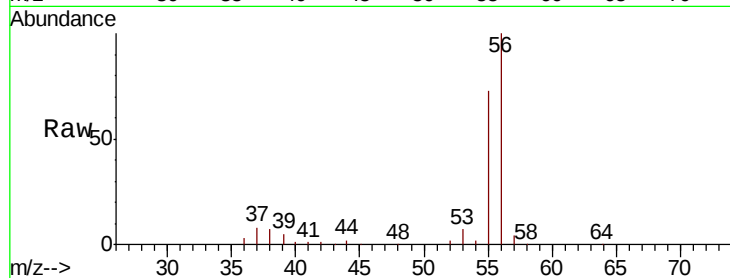
VSTDICCC050

Tgt Ion: 56 Resp: 60733

Ion Ratio Lower Upper

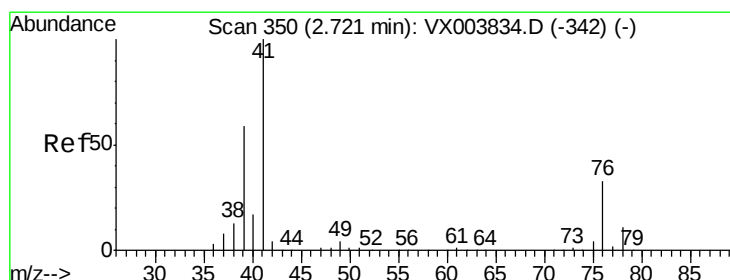
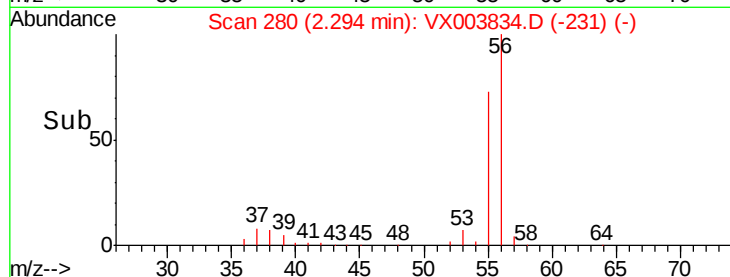
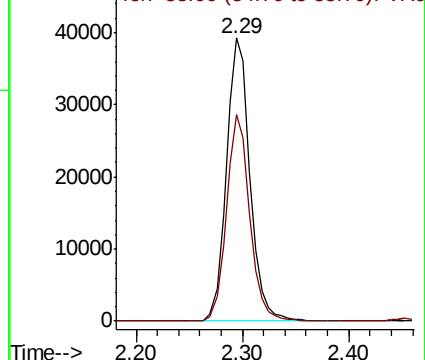
56 100

55 72.1 57.7 86.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 41.538 ug/l

RT: 2.72 min Scan# 350

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

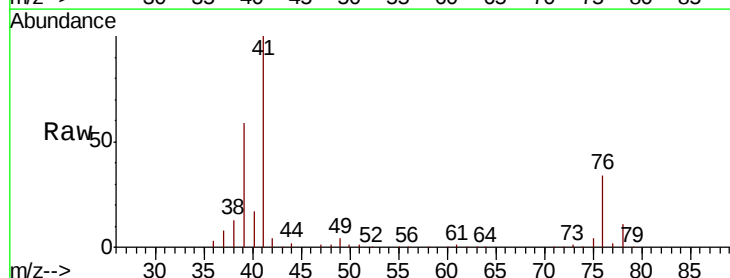
Tgt Ion: 41 Resp: 86509

Ion Ratio Lower Upper

41 100

39 57.6 46.1 69.1

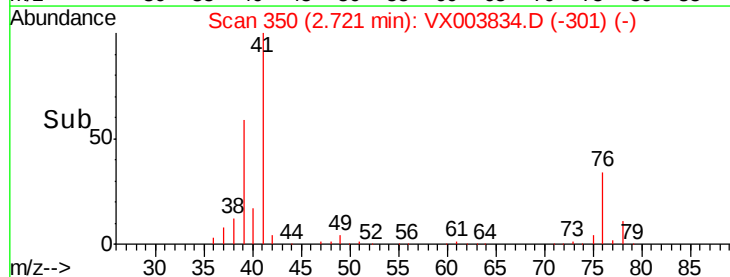
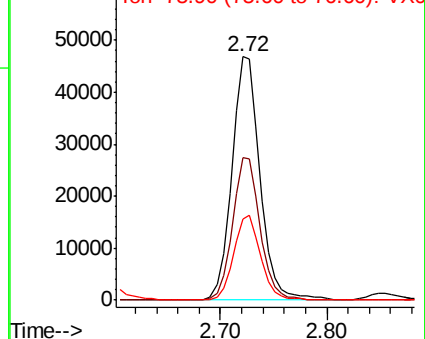
76 33.5 26.8 40.2

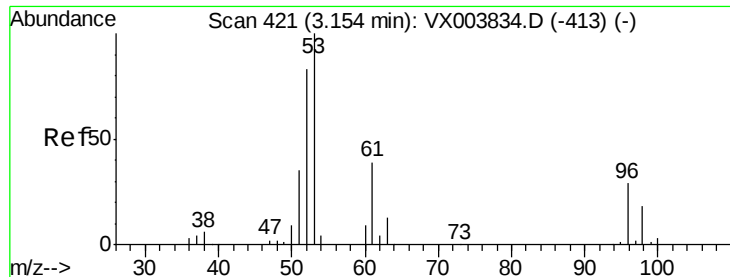


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 222.675 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

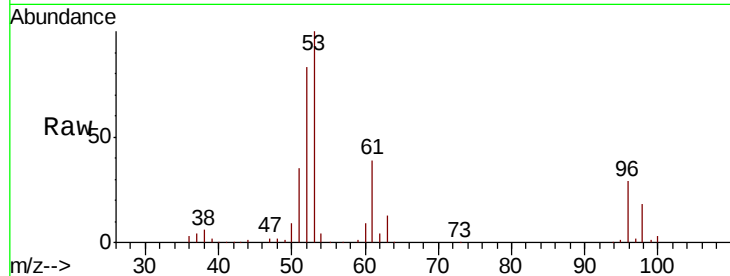
Tgt Ion: 53 Resp: 167184

Ion Ratio Lower Upper

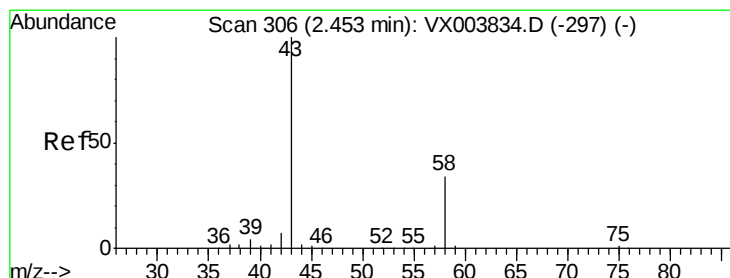
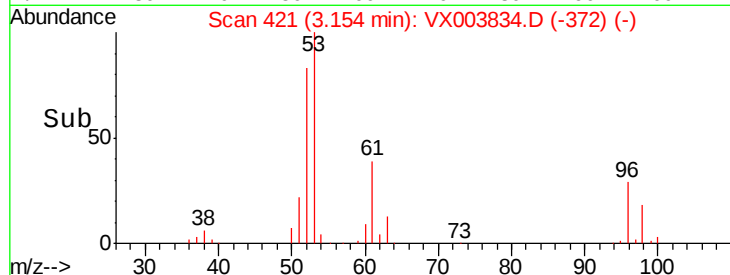
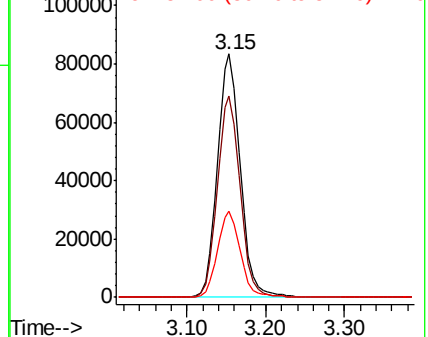
53 100

52 82.4 65.9 98.9

51 35.8 28.6 43.0



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: 262.731 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003834.D

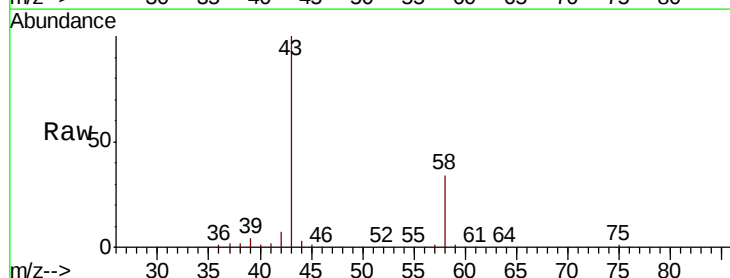
Acq: 02 Aug 2018 20:15

Tgt Ion: 43 Resp: 166021

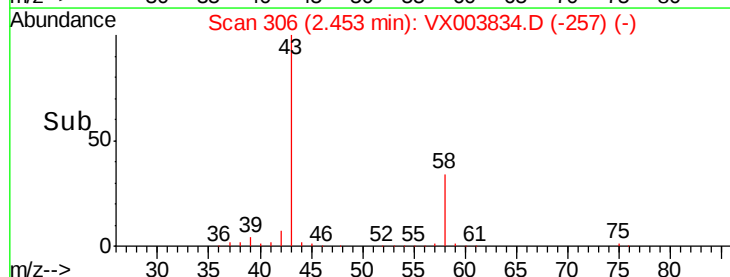
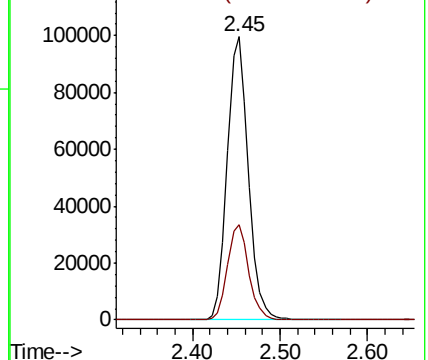
Ion Ratio Lower Upper

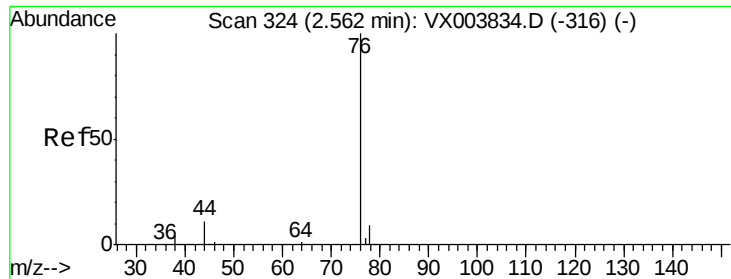
43 100

58 33.7 27.0 40.4



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

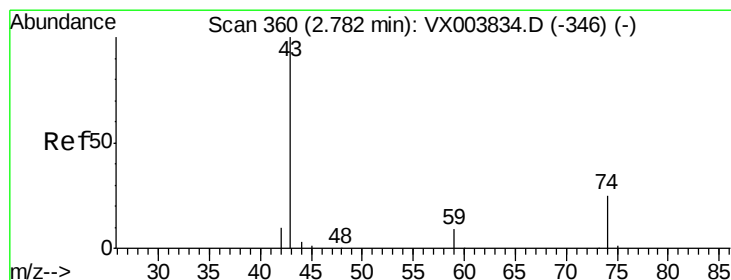
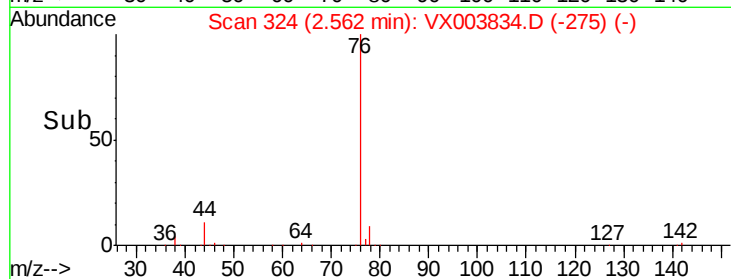
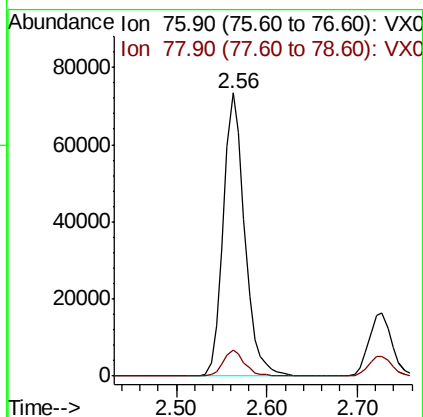
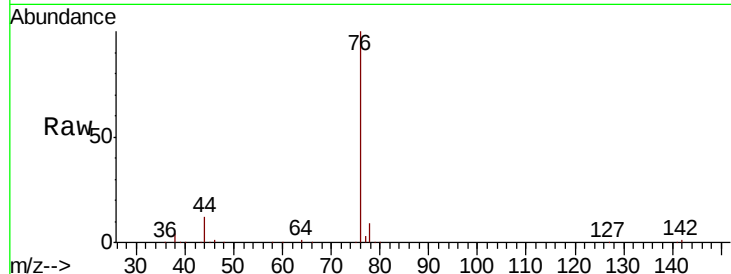




#17
Carbon Disulfide
Concen: 41.866 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

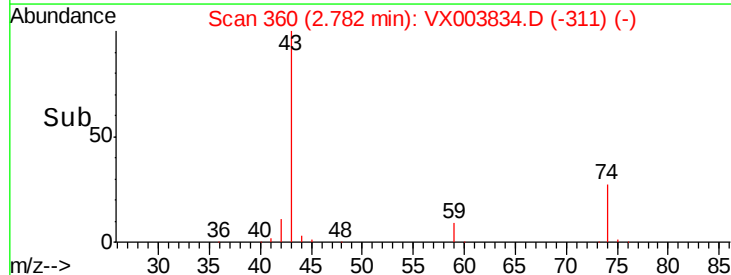
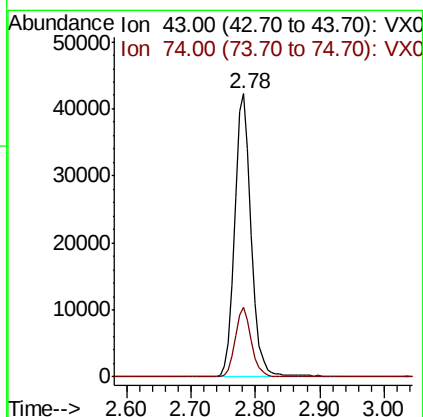
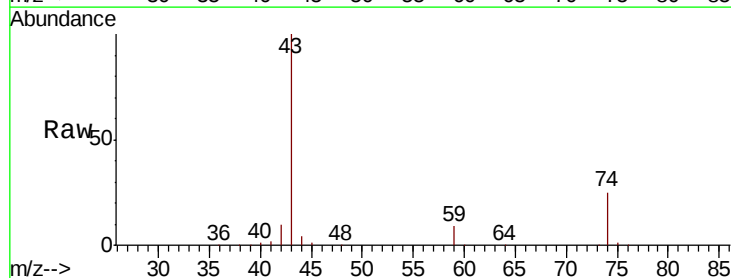
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

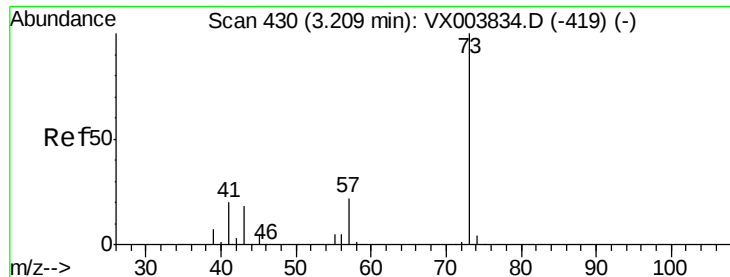
Tgt Ion: 76 Resp: 121140
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 41.880 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 43 Resp: 76535
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

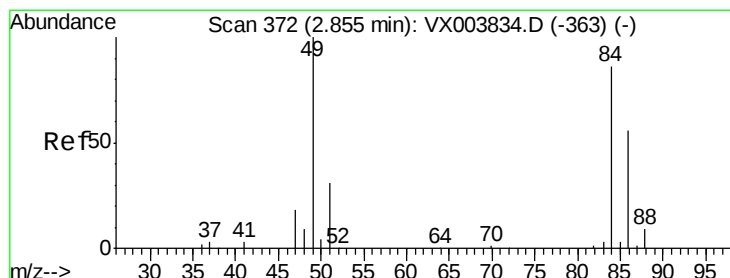
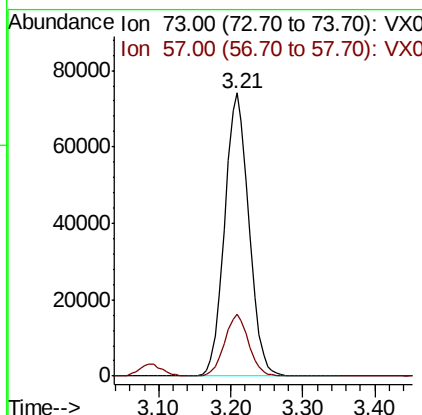
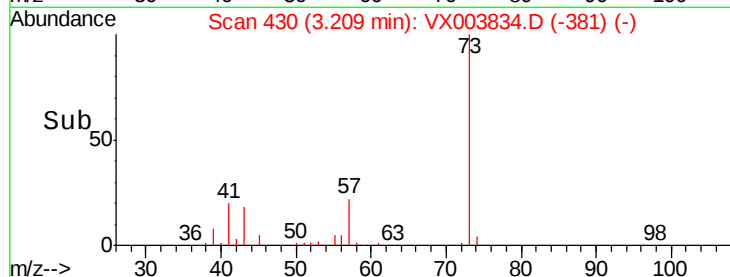
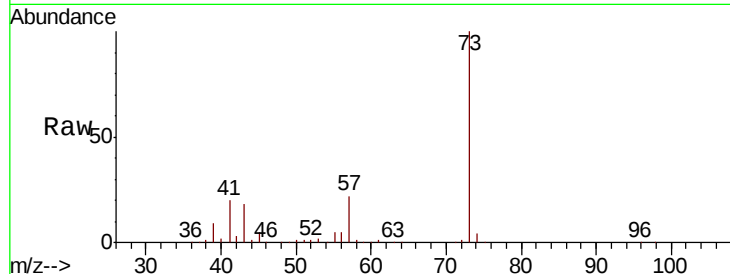




#19
Methyl tert-butyl Ether
Concen: 47.941 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

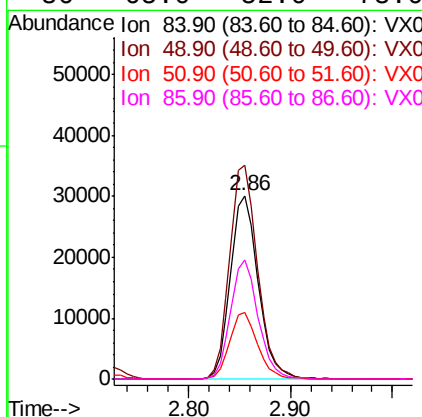
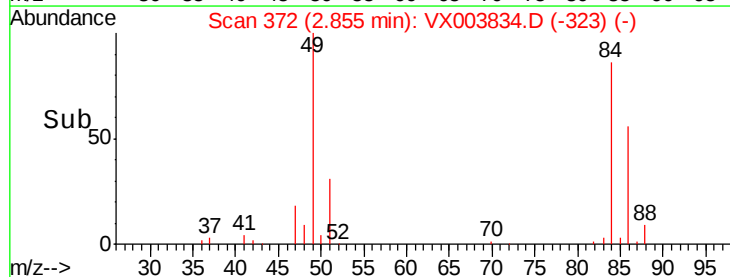
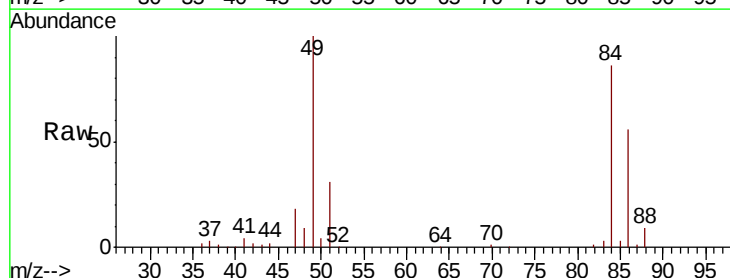
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

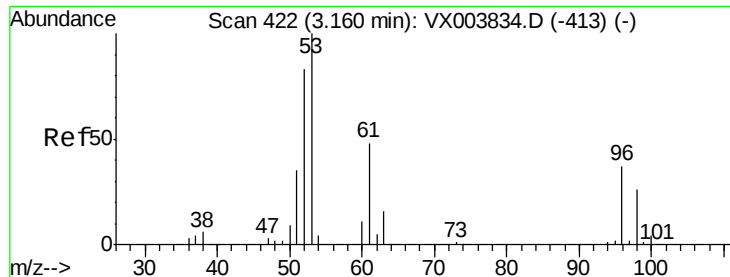
Tgt Ion: 73 Resp: 173473
Ion Ratio Lower Upper
73 100
57 21.9 17.5 26.3



#20
Methylene Chloride
Concen: 46.691 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 84 Resp: 56915
Ion Ratio Lower Upper
84 100
49 116.5 93.2 139.8
51 36.5 29.2 43.8
86 65.0 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 45.817 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

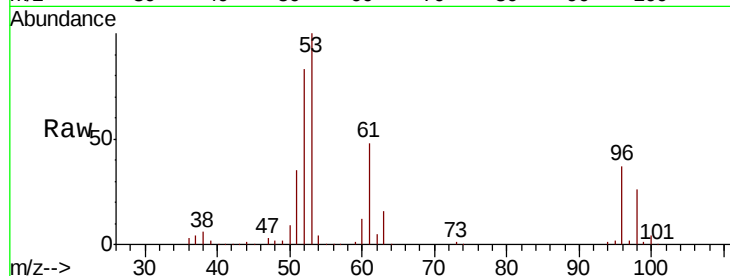
Tgt Ion: 96 Resp: 50129

Ion Ratio Lower Upper

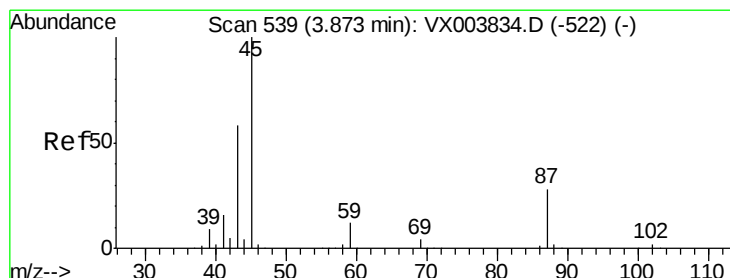
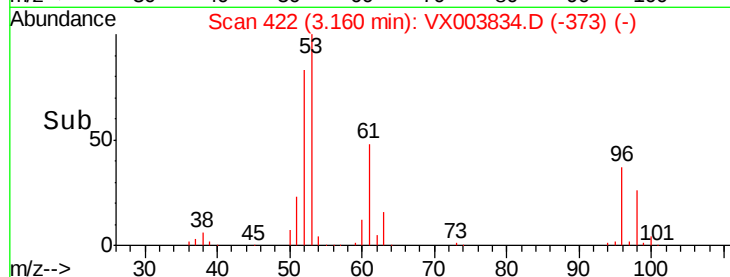
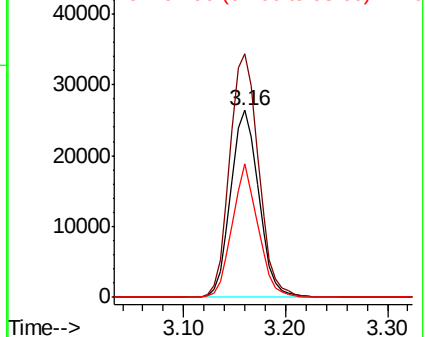
96 100

61 130.3 104.2 156.4

98 71.3 57.0 85.6



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: 44.251 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Tgt Ion: 45 Resp: 169908

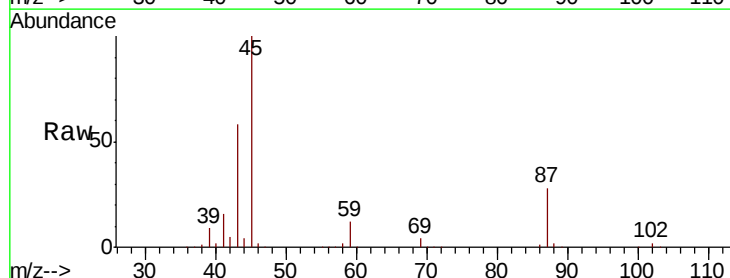
Ion Ratio Lower Upper

45 100

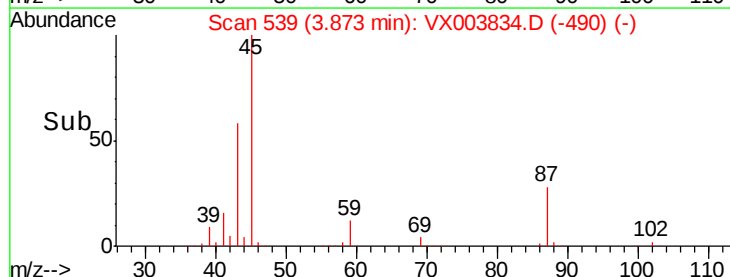
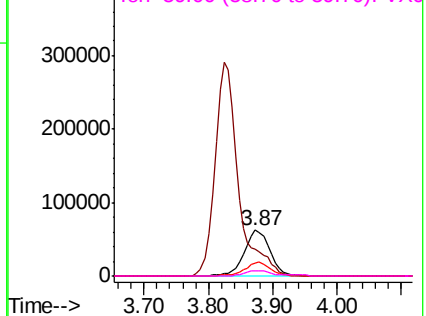
43 58.0 46.4 69.6

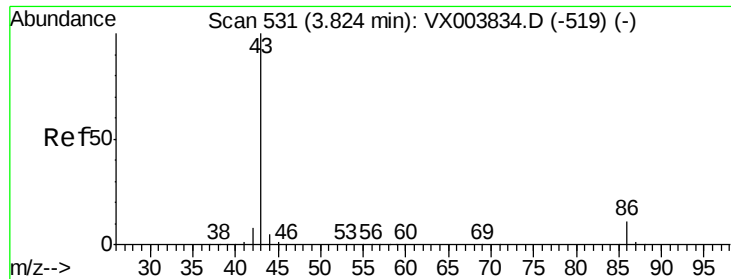
87 28.0 22.4 33.6

59 11.8 9.4 14.2



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

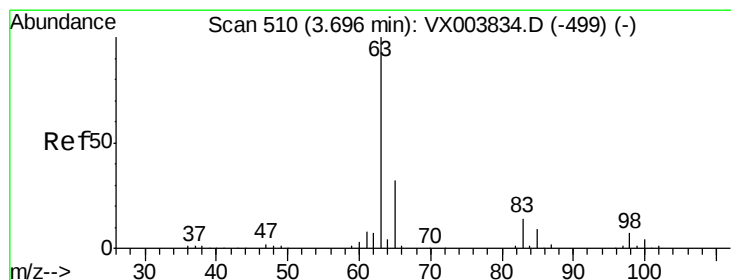
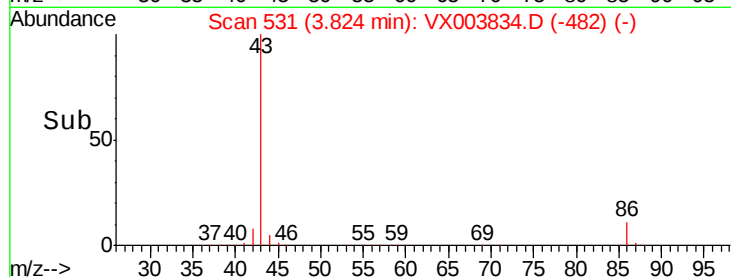
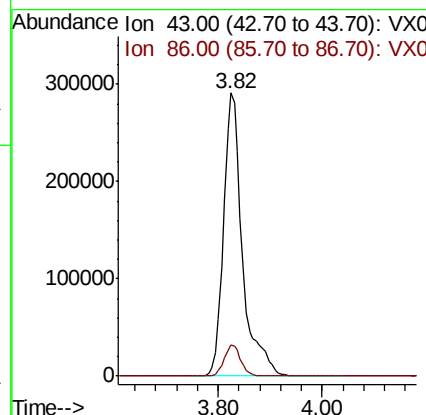
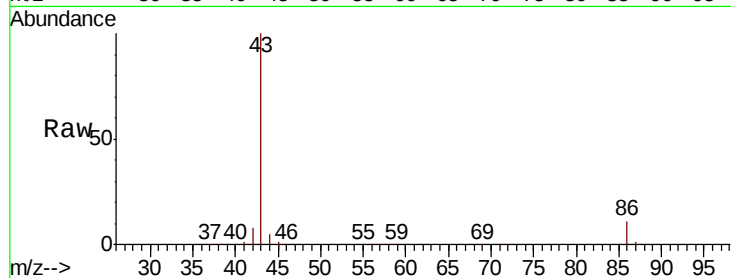




#23
 Vinyl Acetate
 Concen: 225.389 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

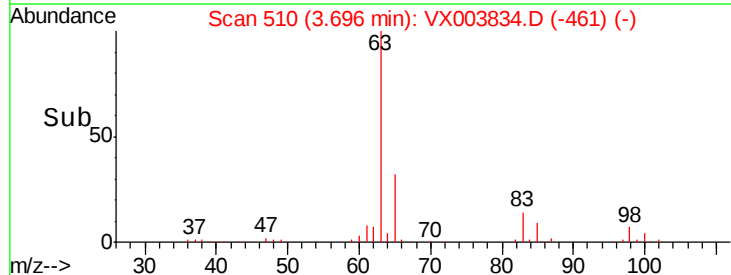
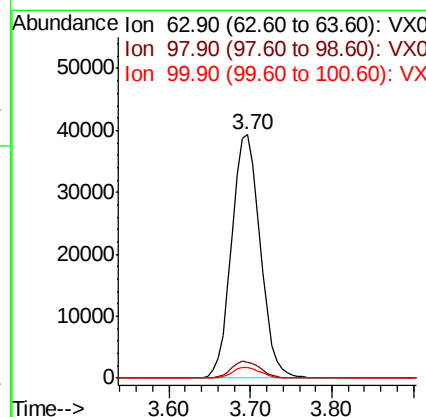
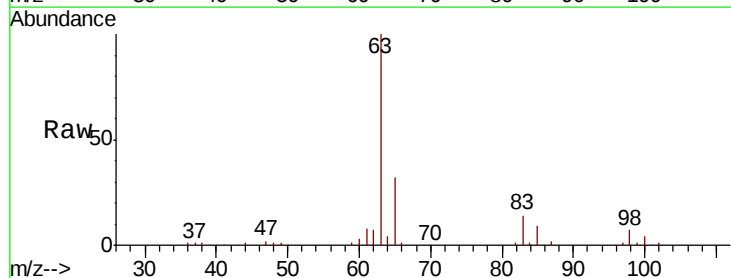
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

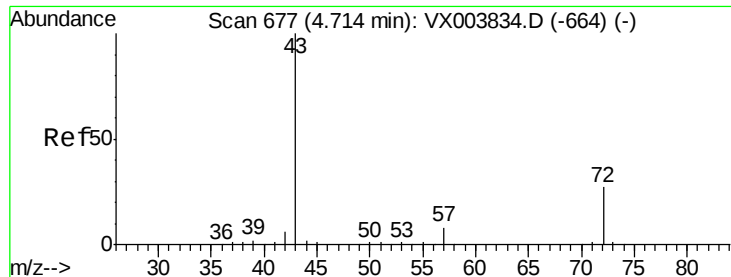
Tgt Ion: 43 Resp: 742427
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 43.510 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 63 Resp: 94591
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 294.584 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

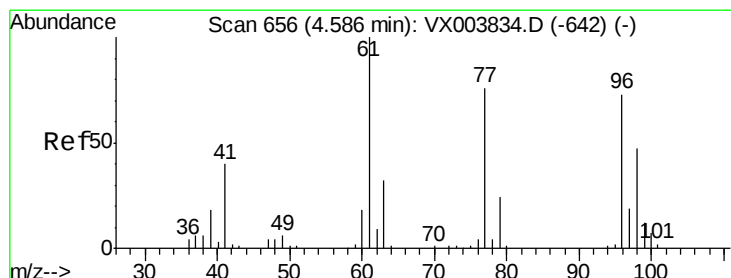
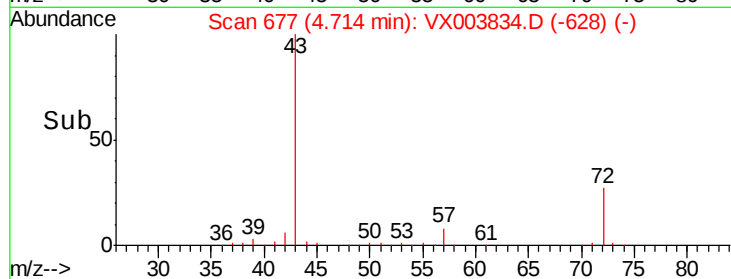
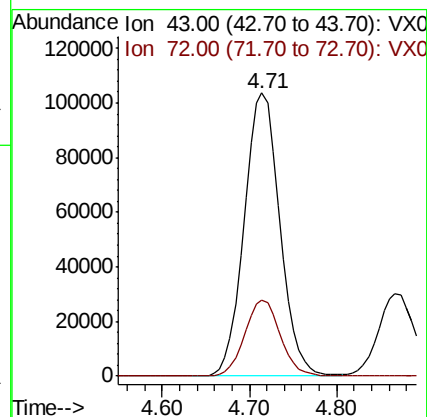
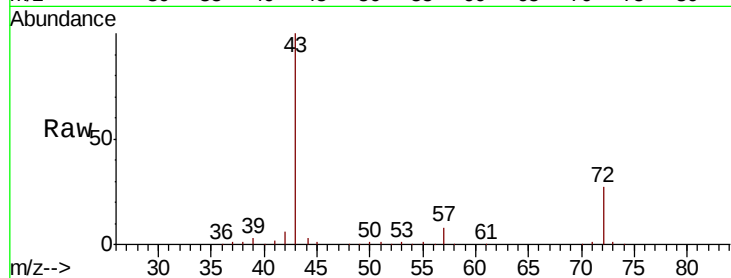
VSTDICCC050

Tgt Ion: 43 Resp: 293818

Ion Ratio Lower Upper

43 100

72 26.9 21.5 32.3



#26

2,2-Dichloropropane

Concen: 43.878 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003834.D

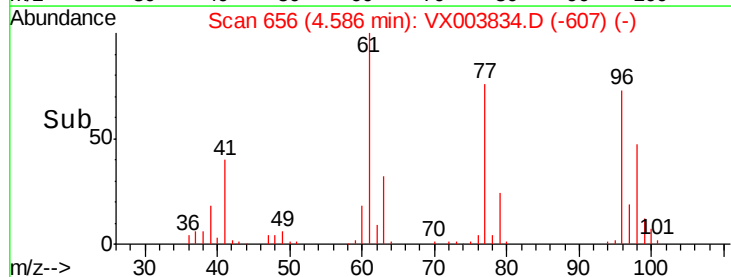
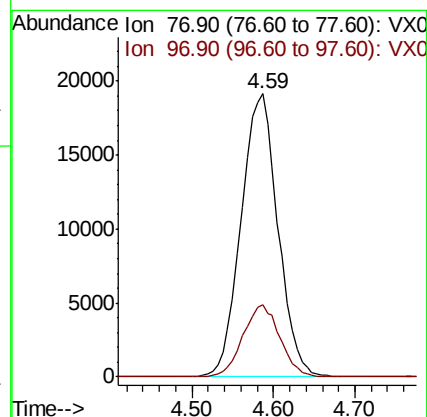
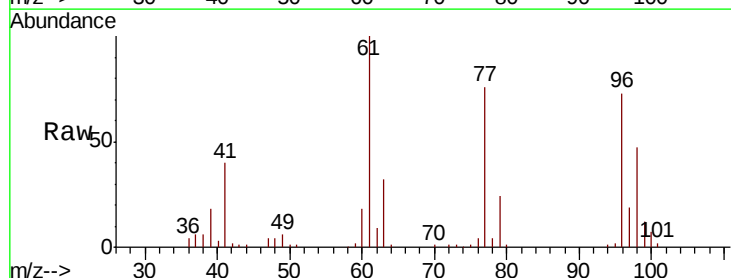
Acq: 02 Aug 2018 20:15

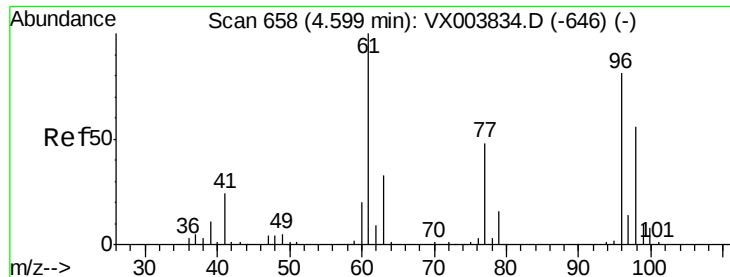
Tgt Ion: 77 Resp: 59926

Ion Ratio Lower Upper

77 100

97 25.5 12.8 38.3



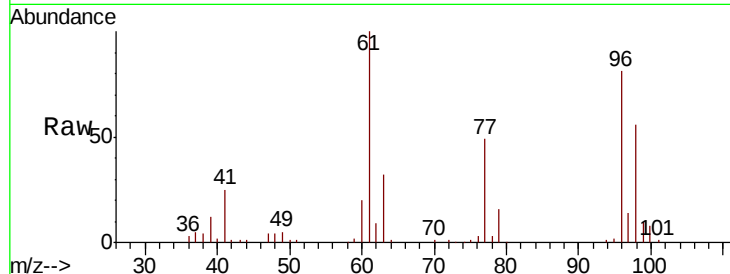


#27

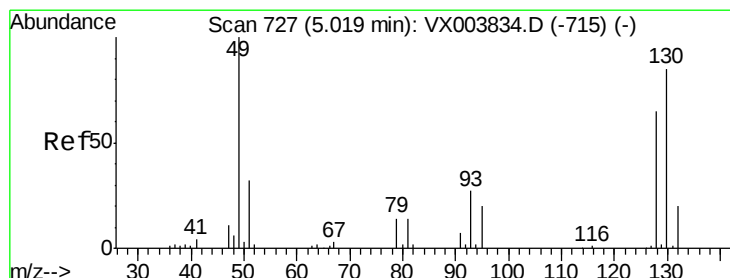
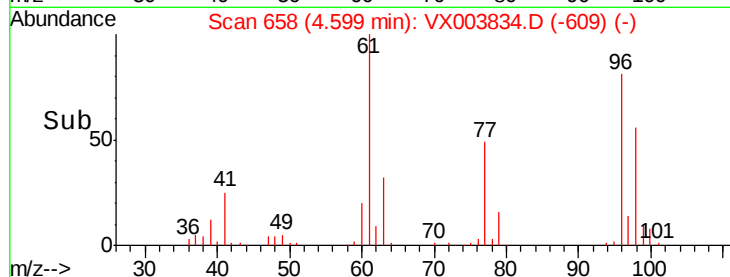
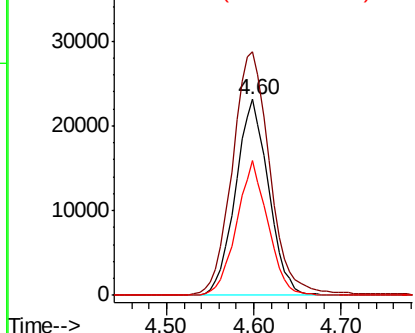
cis-1,2-Dichloroethene
 Concen: 50.465 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 60969
 Ion Ratio Lower Upper
 96 100
 61 141.8 0.0 283.6
 98 65.0 0.0 130.0



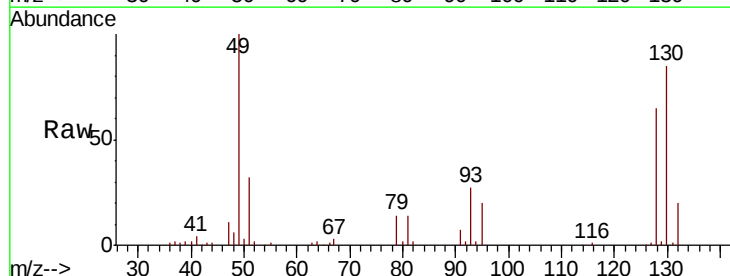
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



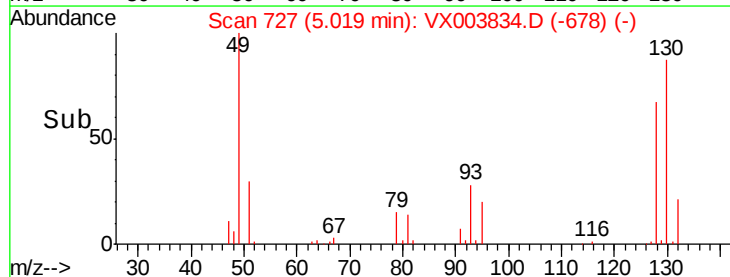
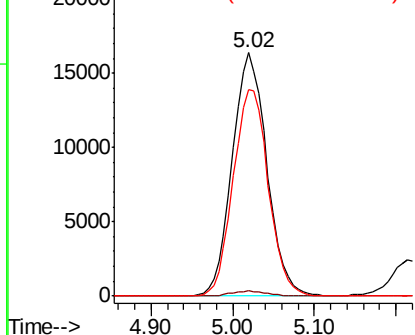
#28

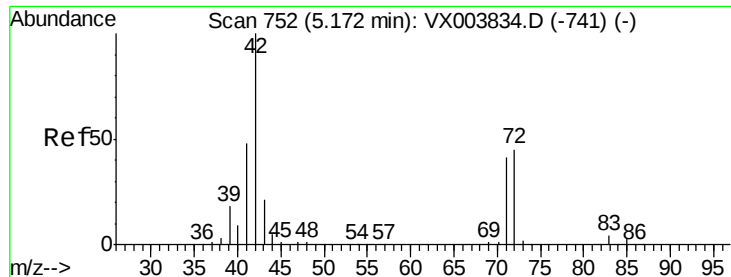
Bromochloromethane
 Concen: 53.031 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 49 Resp: 48199
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 86.1 68.9 103.3



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

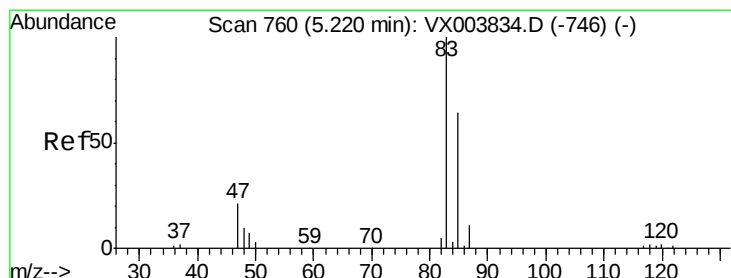
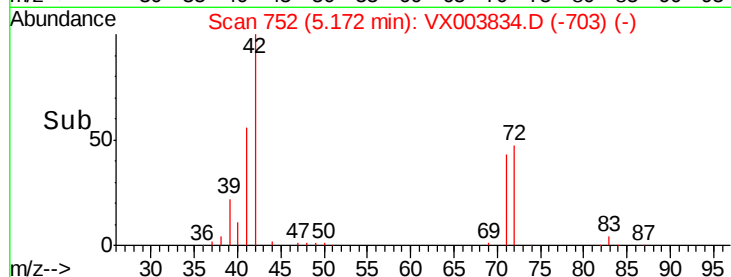
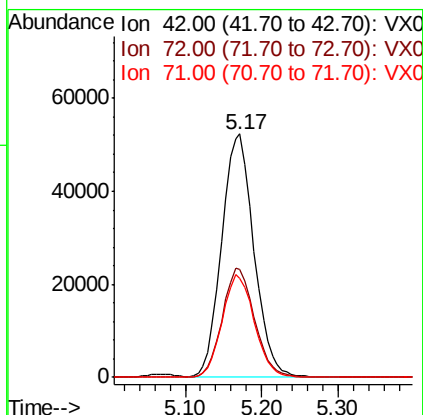
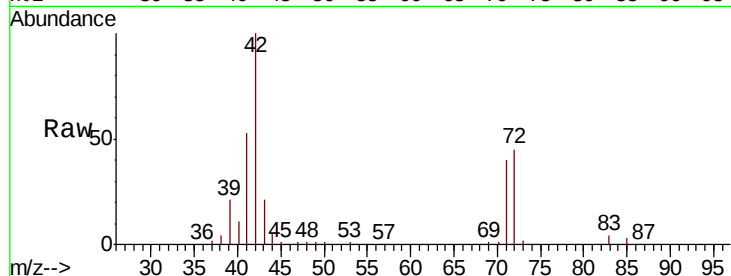




#29
Tetrahydrofuran
Concen: 246.260 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

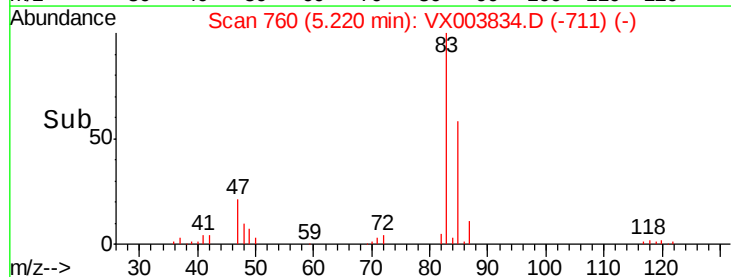
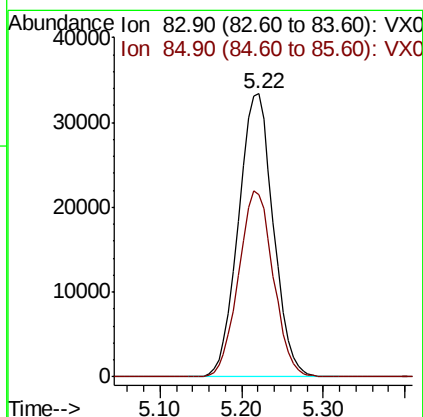
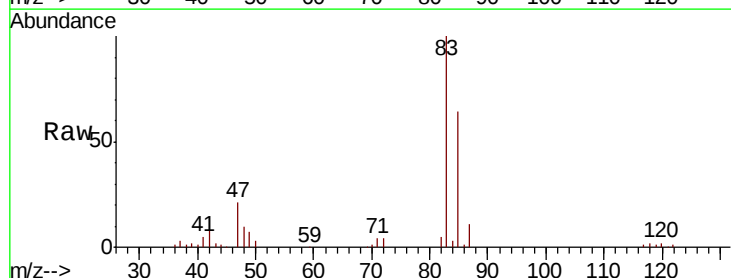
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

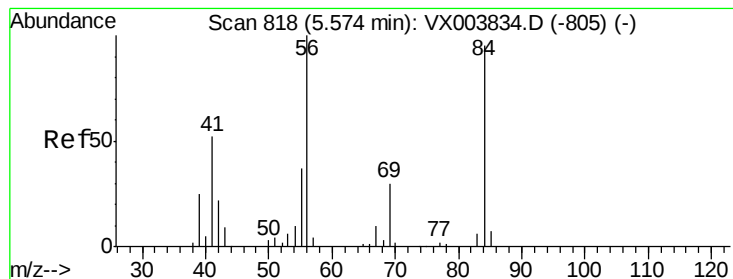
Tgt Ion: 42 Resp: 152440
Ion Ratio Lower Upper
42 100
72 45.1 36.1 54.1
71 42.0 33.6 50.4



#30
Chloroform
Concen: 49.345 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 83 Resp: 99219
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3





#31

Cyclohexane

Concen: 38.787 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

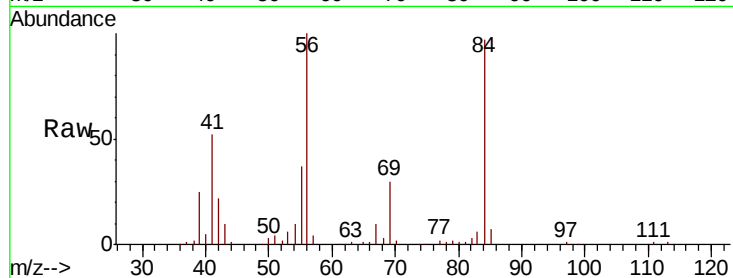
Tgt Ion: 56 Resp: 65810

Ion Ratio Lower Upper

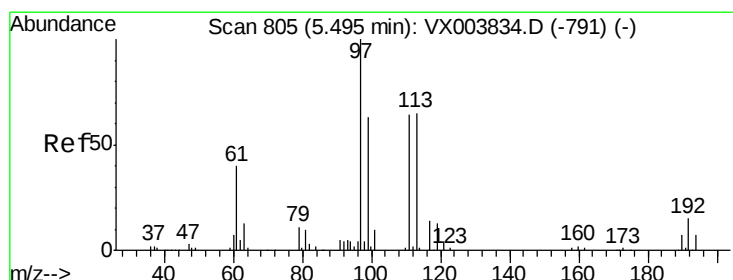
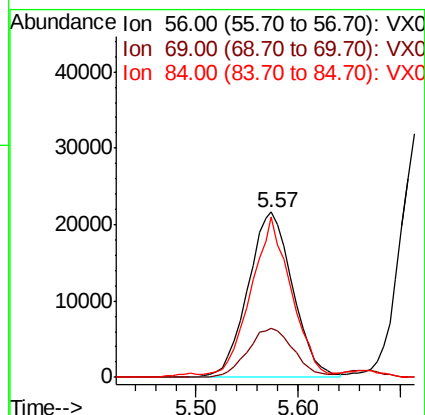
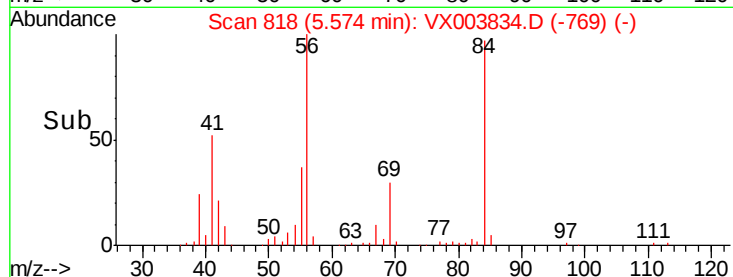
56 100

69 29.6 23.7 35.5

84 94.6 75.7 113.5



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



#32

1,1,1-Trichloroethane

Concen: 47.285 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

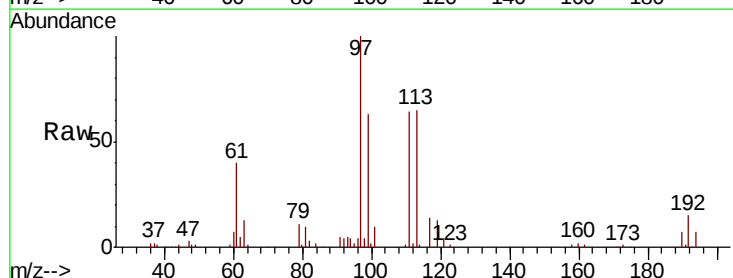
Tgt Ion: 97 Resp: 77834

Ion Ratio Lower Upper

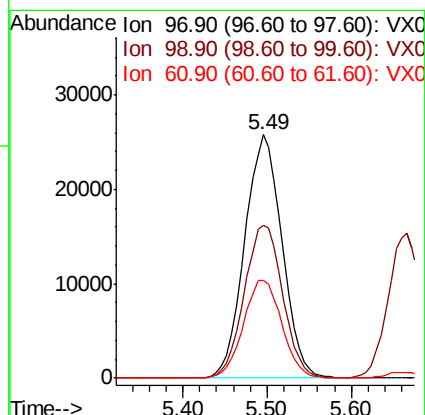
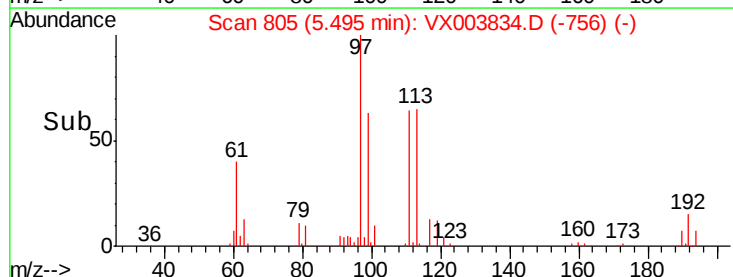
97 100

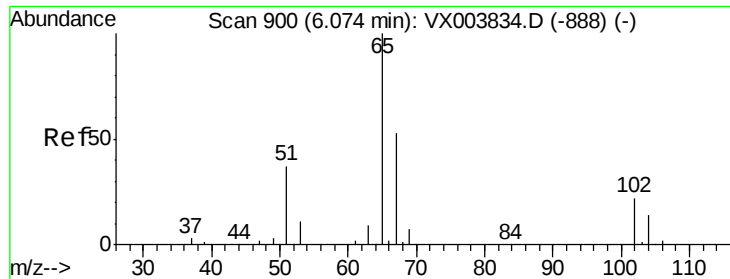
99 64.7 51.8 77.6

61 41.6 33.3 49.9



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

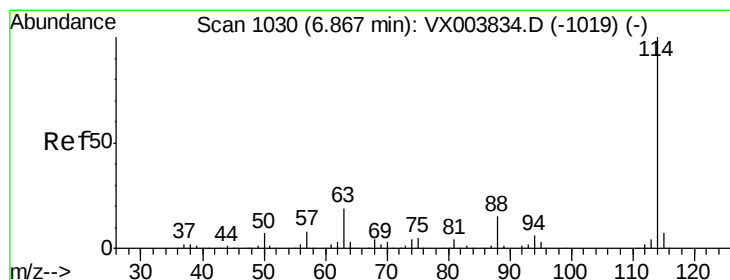
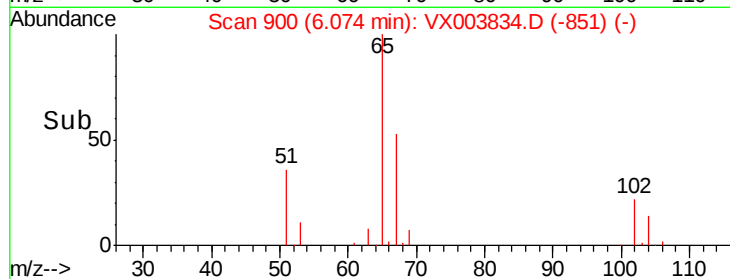
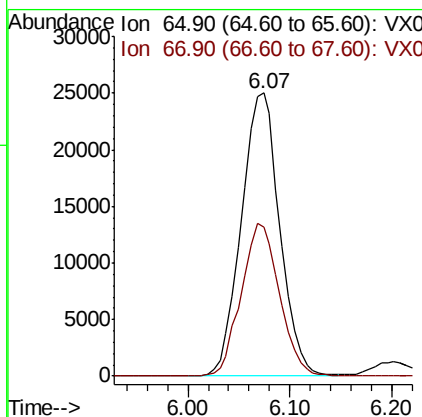
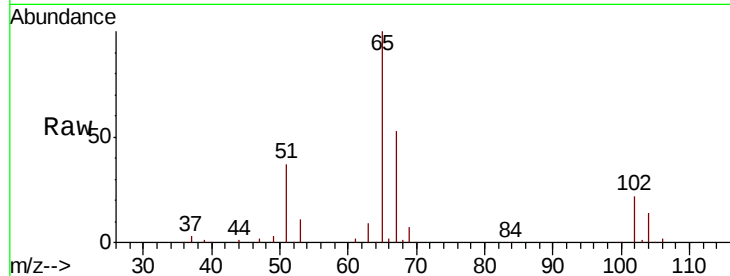




#33
 1,2-Dichloroethane-d4
 Concen: 49.517 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

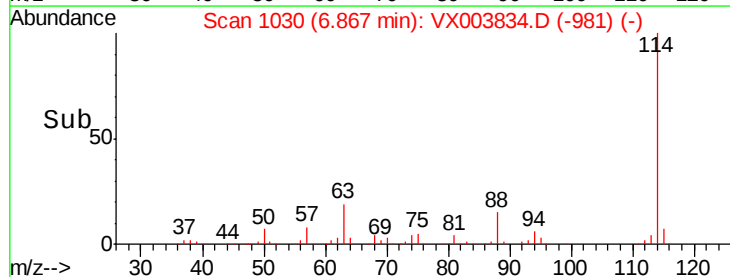
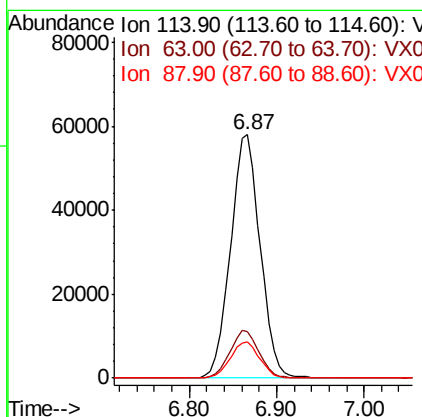
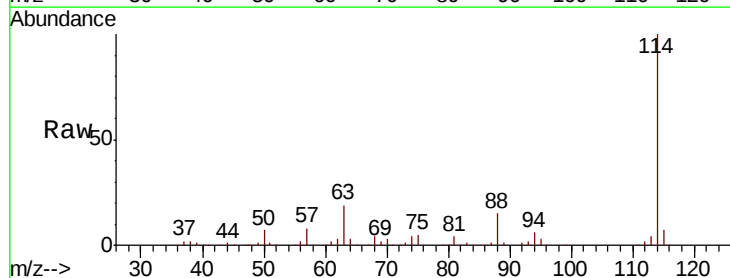
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

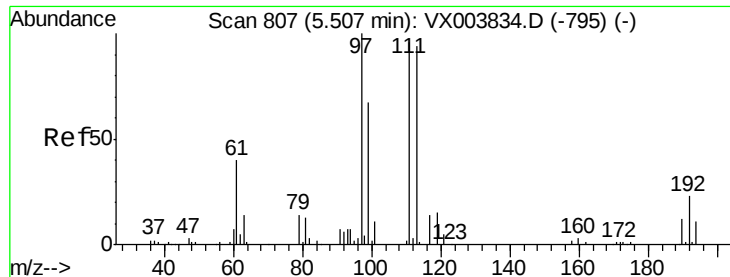
Tgt Ion: 65 Resp: 65529
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 114 Resp: 136416
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.2
 88 14.8 0.0 29.6

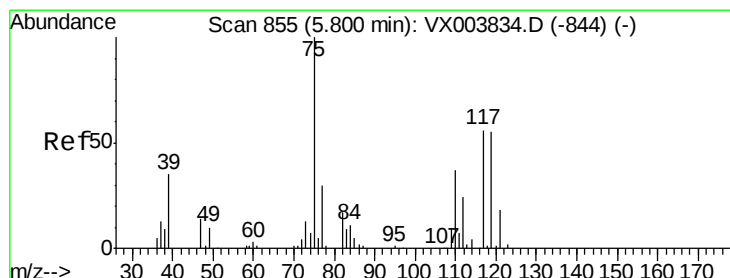
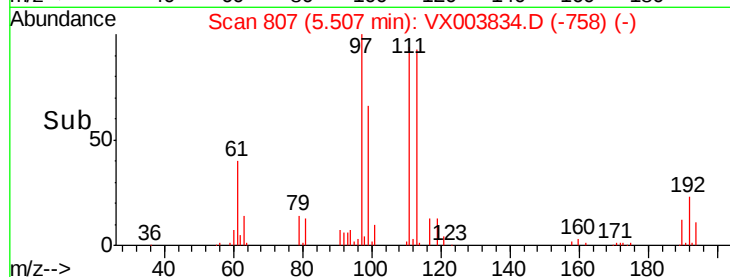
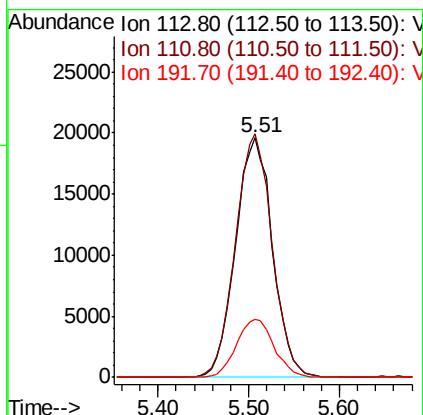
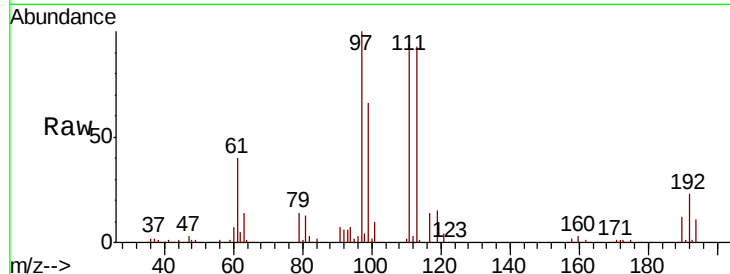




#35
 Dibromofluoromethane
 Concen: 49.538 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

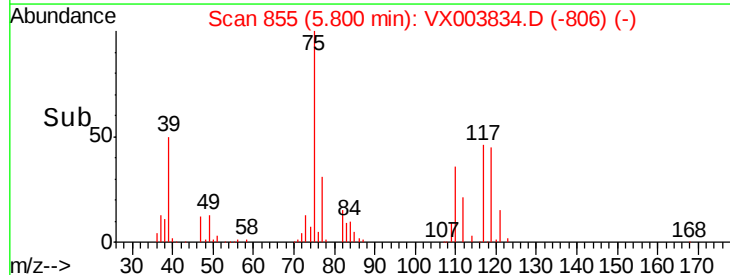
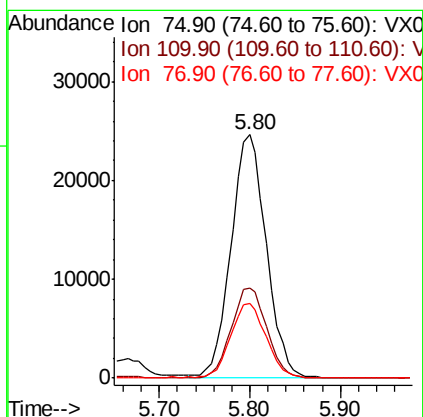
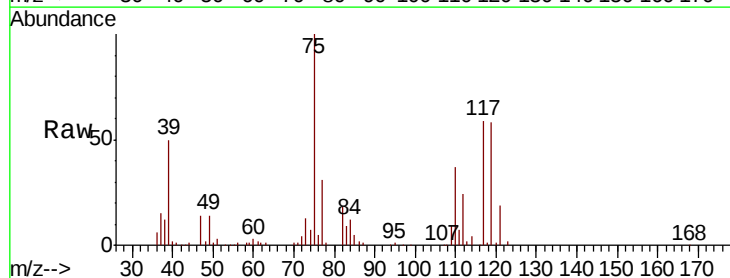
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

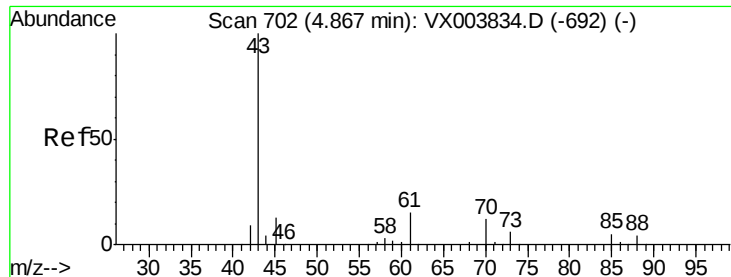
Tgt Ion:113 Resp: 55217
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.1 121.7
 192 24.6 19.7 29.5



#36
 1,1-Dichloropropene
 Concen: 42.678 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 75 Resp: 66550
 Ion Ratio Lower Upper
 75 100
 110 37.2 18.6 55.8
 77 31.1 24.9 37.3

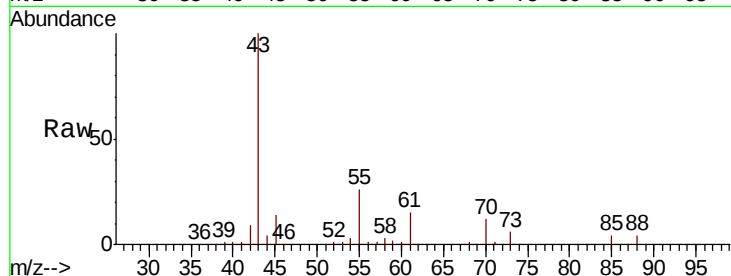




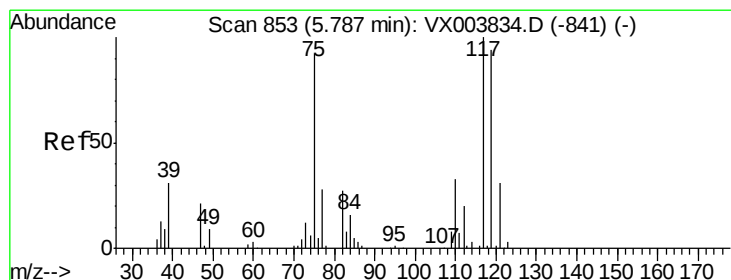
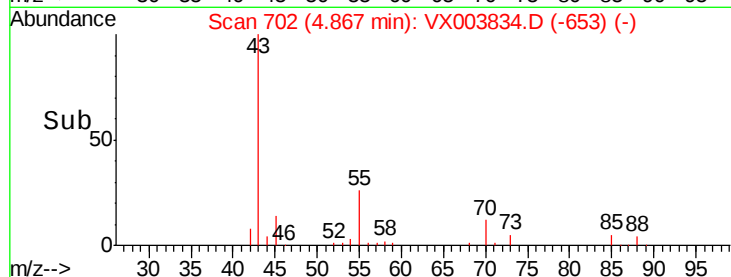
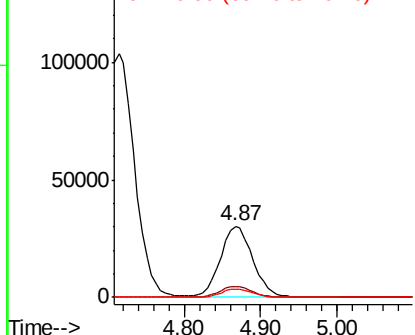
#37
Ethyl Acetate
Concen: 46.475 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 43 Resp: 88517
Ion Ratio Lower Upper
43 100
61 15.5 12.4 18.6
70 11.1 8.9 13.3

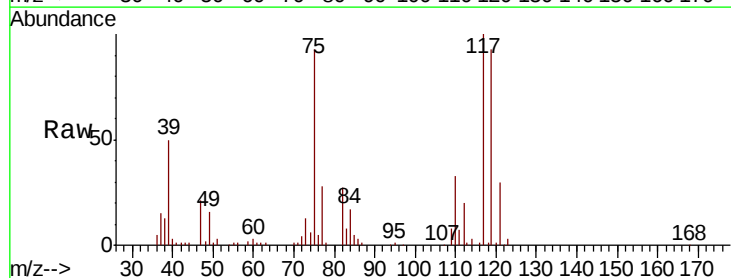


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

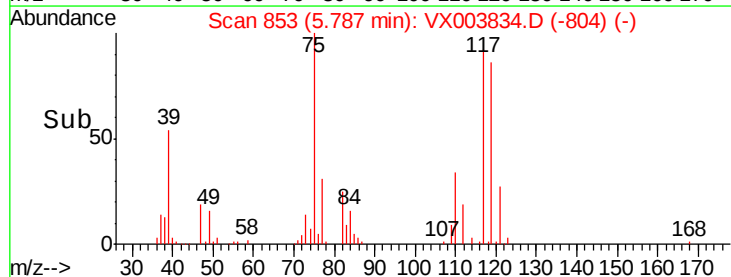
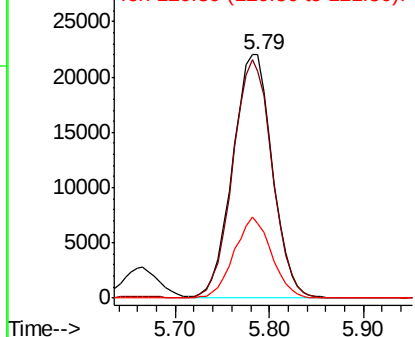


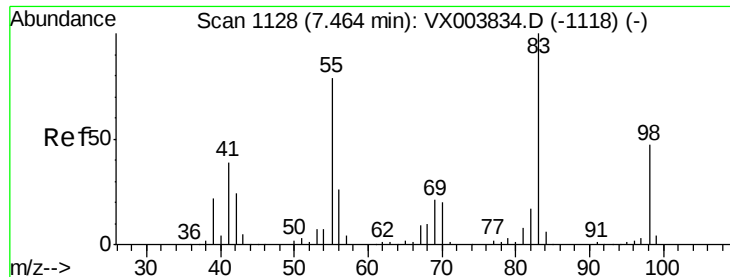
#38
Carbon Tetrachloride
Concen: 43.218 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 117 Resp: 64965
Ion Ratio Lower Upper
117 100
119 93.3 74.6 112.0
121 30.5 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

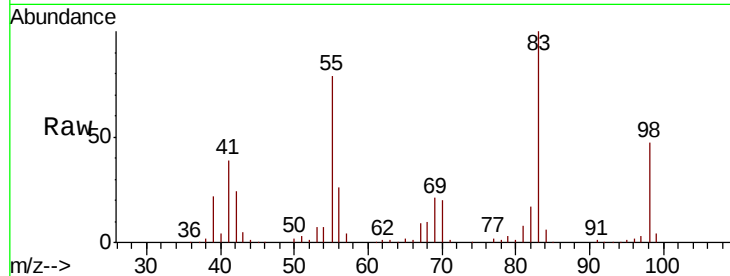




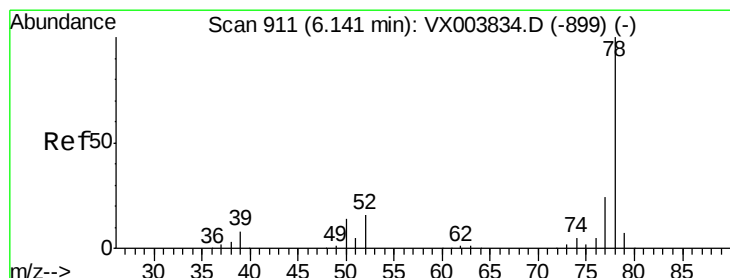
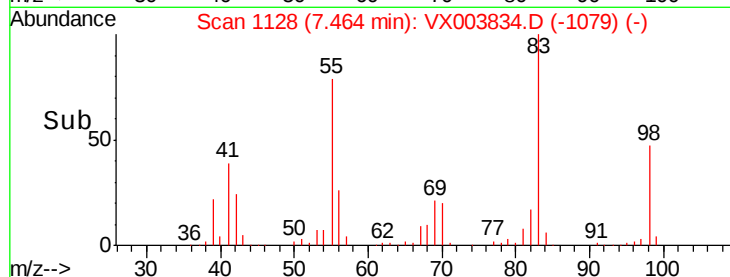
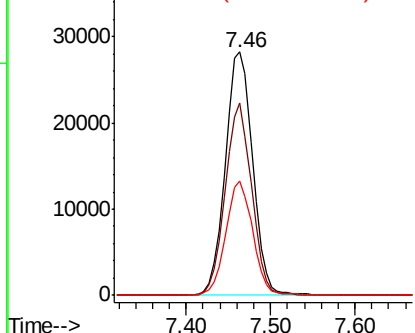
#39
Methylcyclohexane
Concen: 37.342 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 83 Resp: 62001
Ion Ratio Lower Upper
83 100
55 78.9 63.1 94.7
98 46.9 37.5 56.3

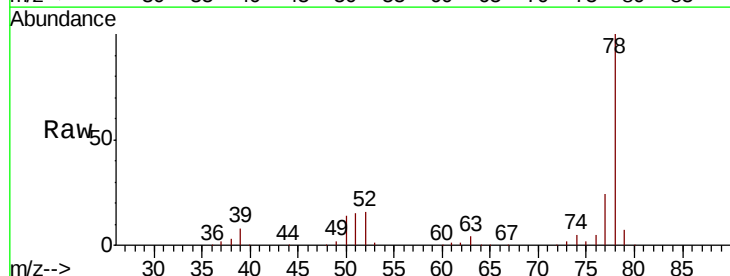


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

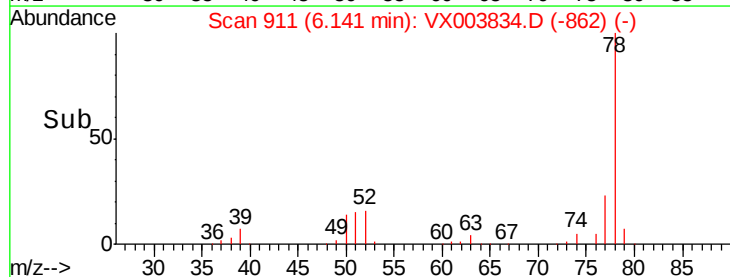
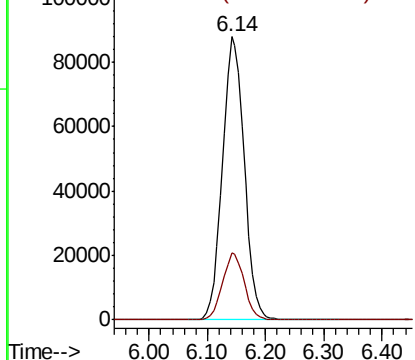


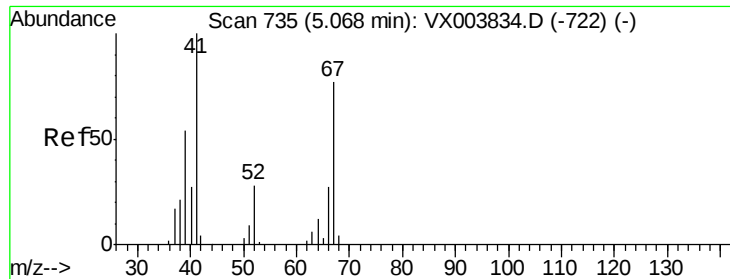
#40
Benzene
Concen: 48.679 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 78 Resp: 228579
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3



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

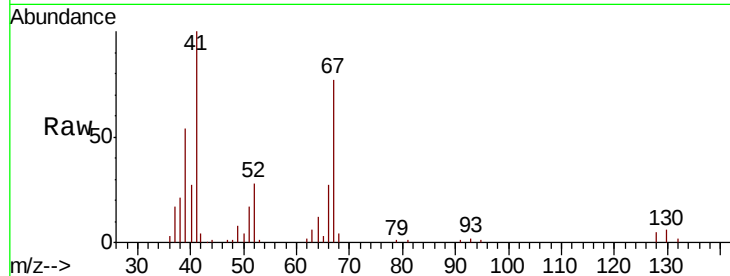




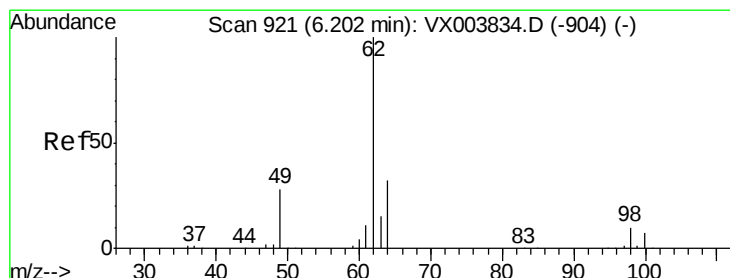
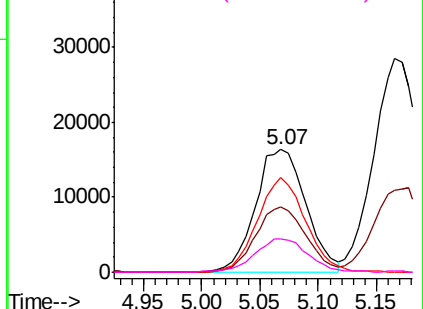
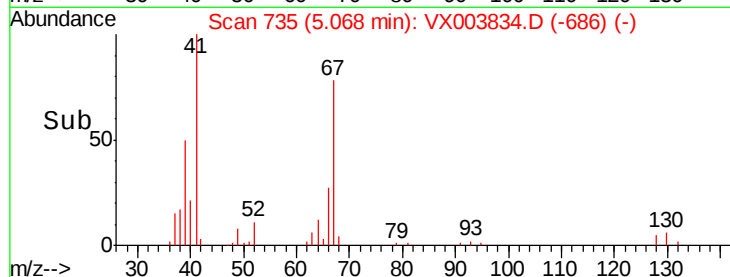
#41
Methacrylonitrile
Concen: 46.770 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	49304
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	73.5	58.8	88.2
52	28.6	22.9	34.3

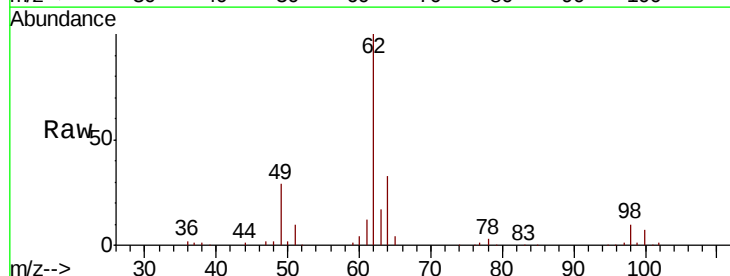


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

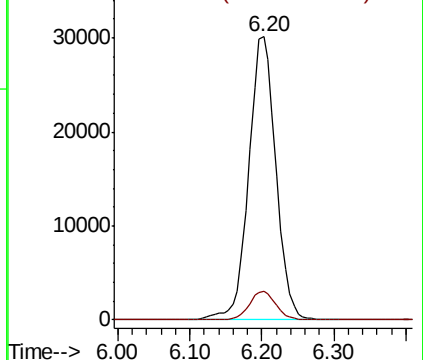
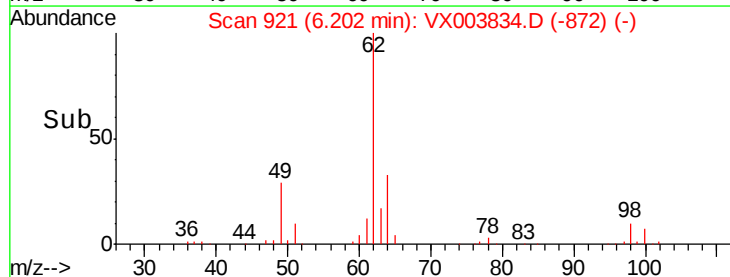


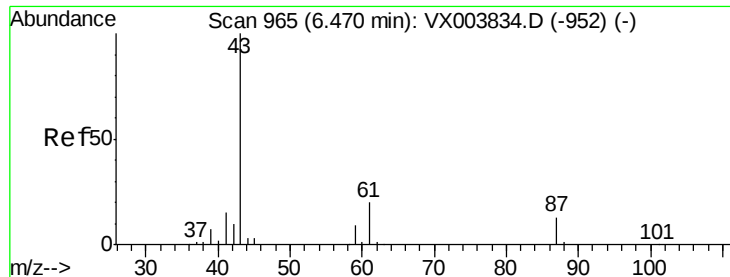
#42
1,2-Dichloroethane
Concen: 47.805 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion:	62	Resp:	78916
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6



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





#43

Isopropyl Acetate

Concen: 49.115 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

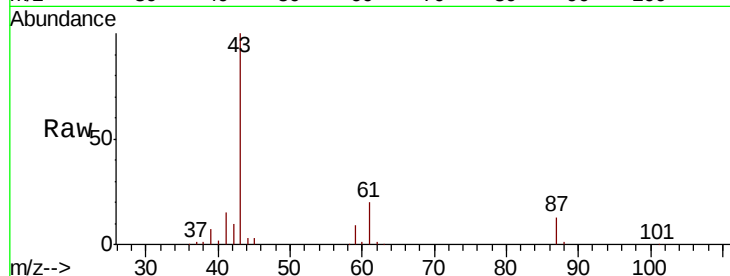
Tgt Ion: 43 Resp: 136313

Ion Ratio Lower Upper

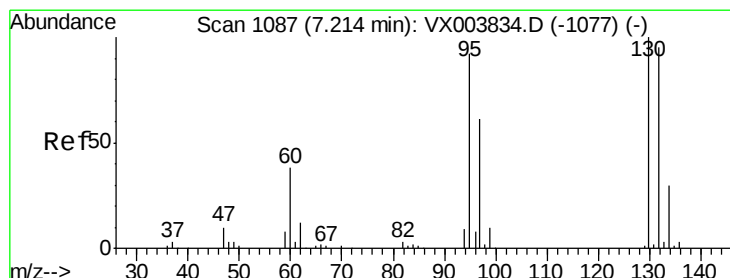
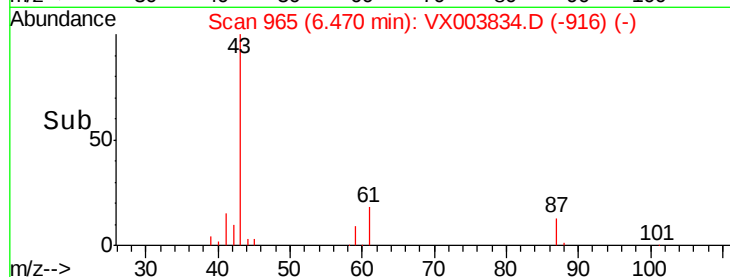
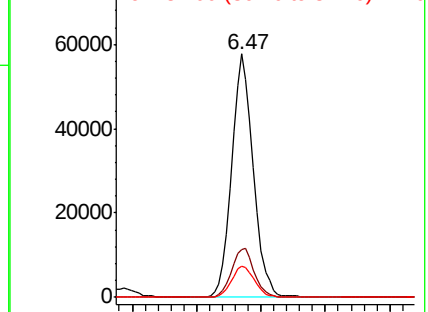
43 100

61 20.9 16.7 25.1

87 13.5 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 46.852 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003834.D

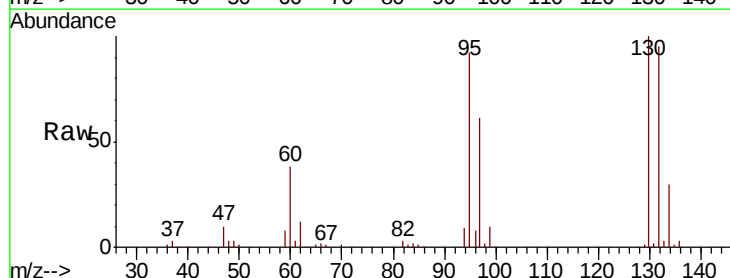
Acq: 02 Aug 2018 20:15

Tgt Ion: 130 Resp: 58818

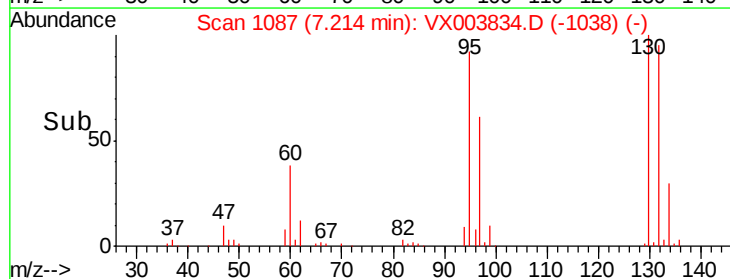
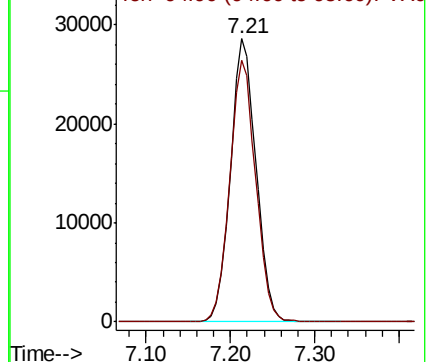
Ion Ratio Lower Upper

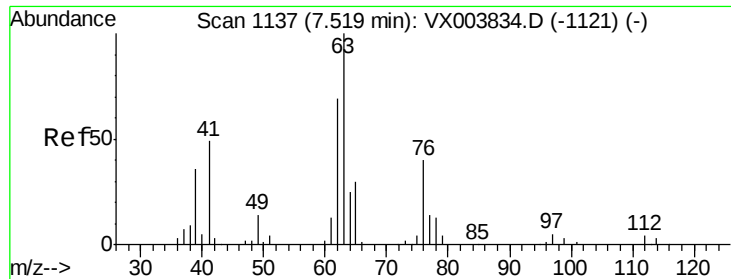
130 100

95 92.4 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

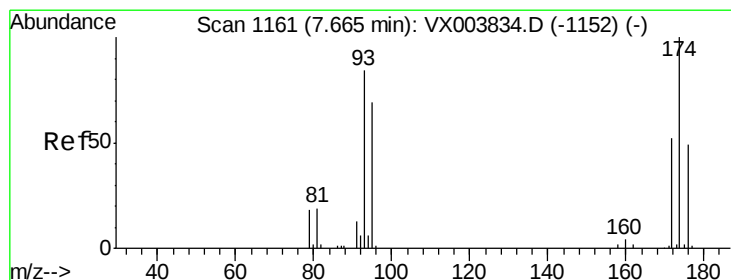
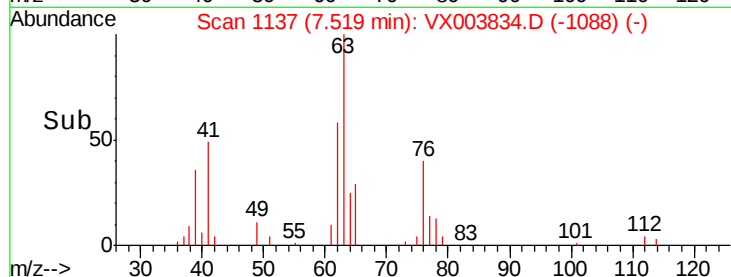
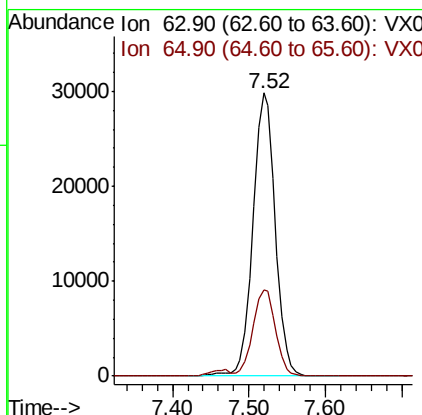
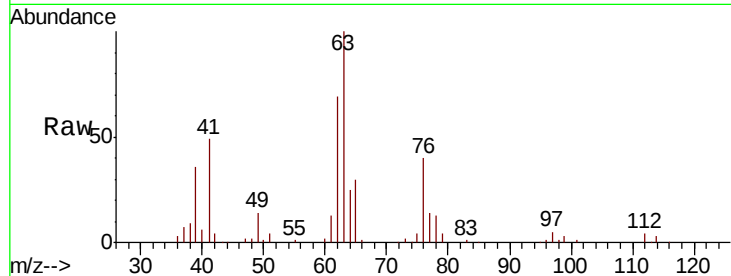




#45
 1,2-Dichloropropane
 Concen: 50.009 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

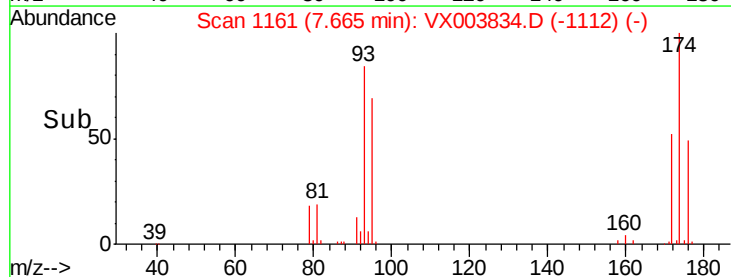
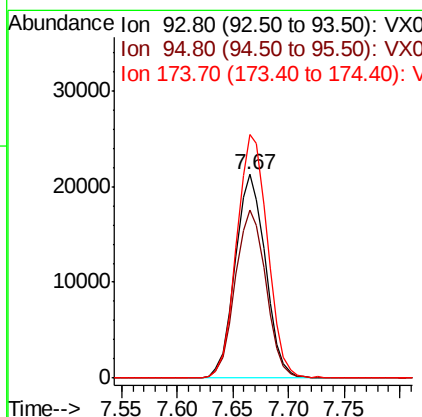
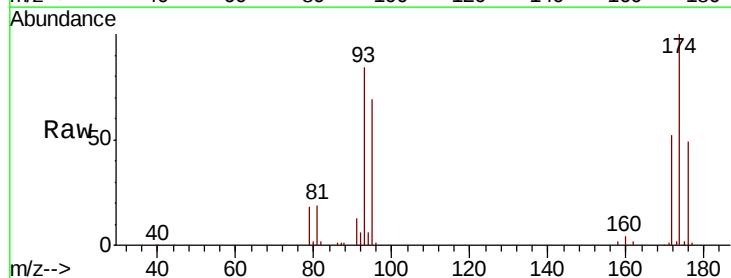
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

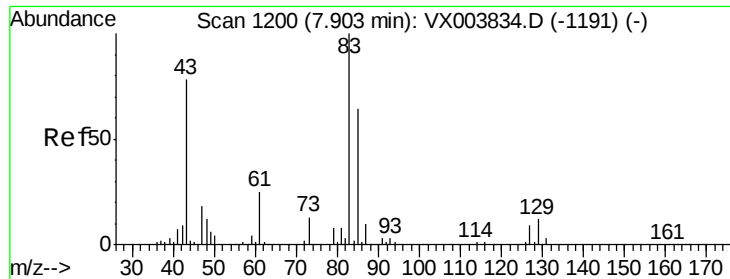
Tgt Ion: 63 Resp: 60880
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.2 36.4



#46
 Dibromomethane
 Concen: 50.980 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 93 Resp: 40144
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.0 100.6
 174 121.8 97.4 146.2





#47

Bromodichloromethane

Concen: 50.993 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

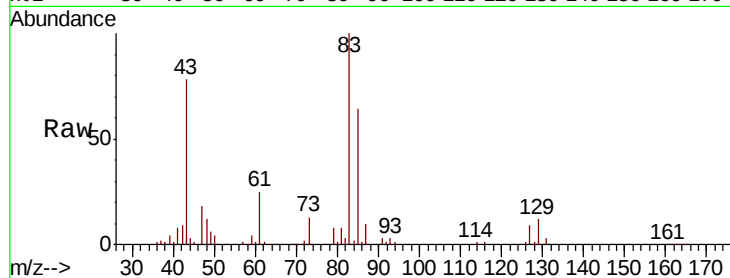
Tgt Ion: 83 Resp: 74990

Ion Ratio Lower Upper

83 100

85 64.3 51.4 77.2

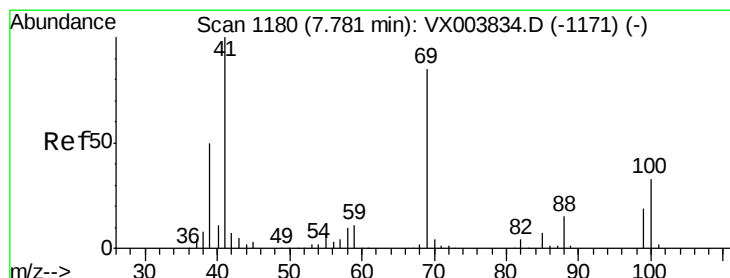
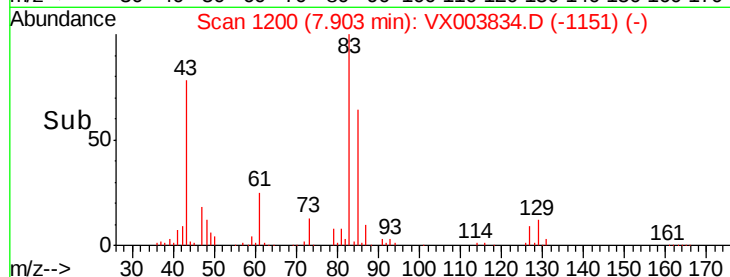
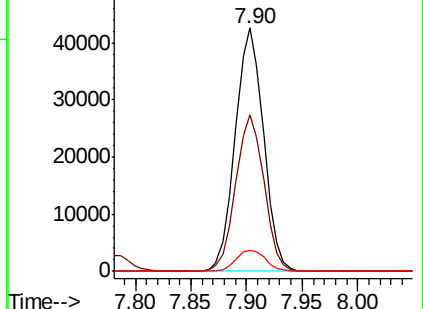
127 8.8 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 49.722 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

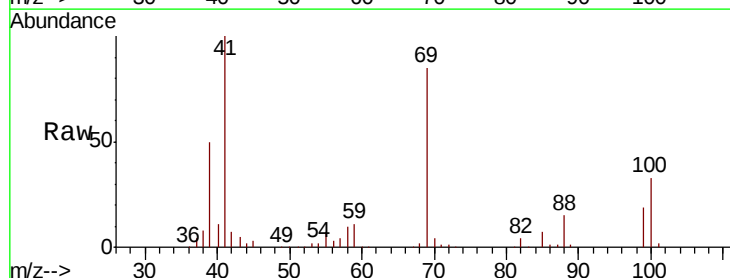
Tgt Ion: 41 Resp: 70043

Ion Ratio Lower Upper

41 100

69 87.8 70.2 105.4

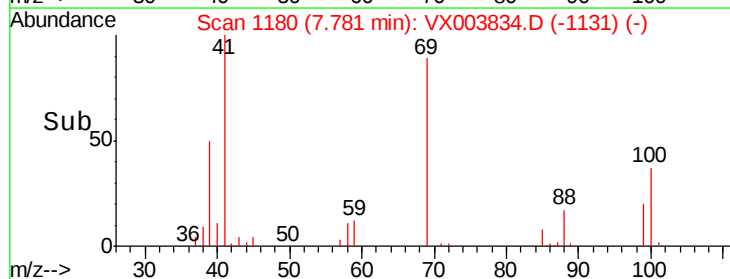
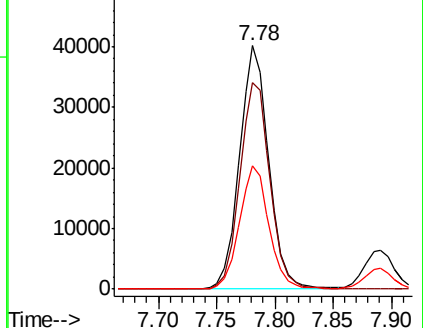
39 51.1 40.9 61.3

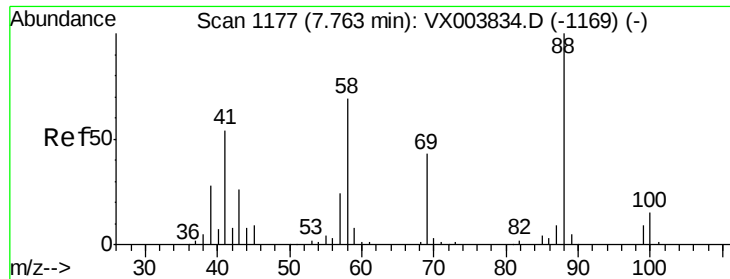


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

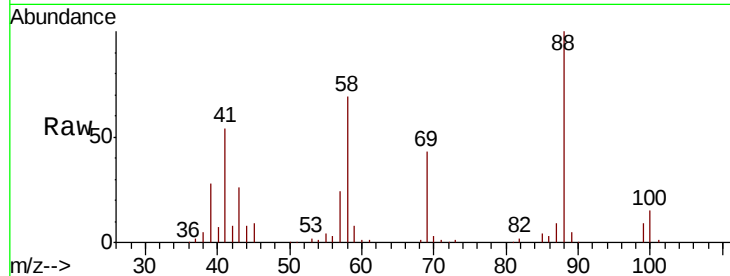




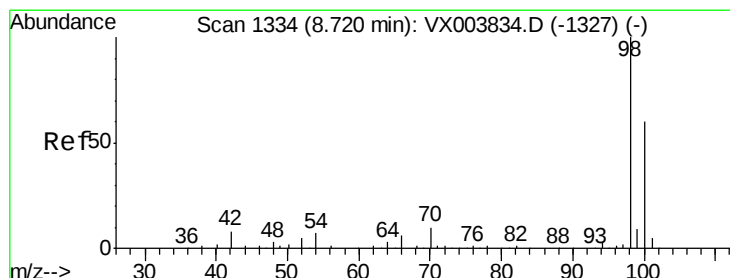
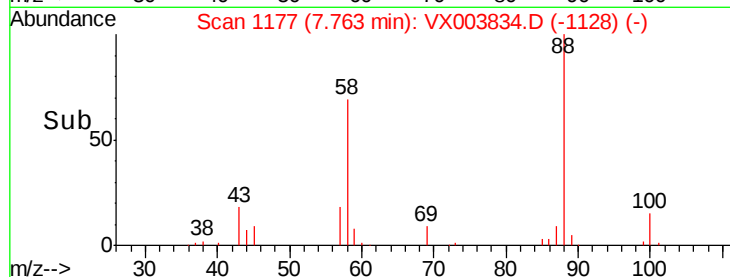
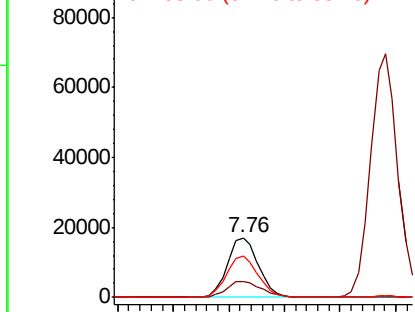
#49
1,4-Dioxane
Concen: 1040.855 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tgt Ion: 88 Resp: 32935
Ion Ratio Lower Upper
88 100
43 30.5 24.4 36.6
58 70.6 56.5 84.7

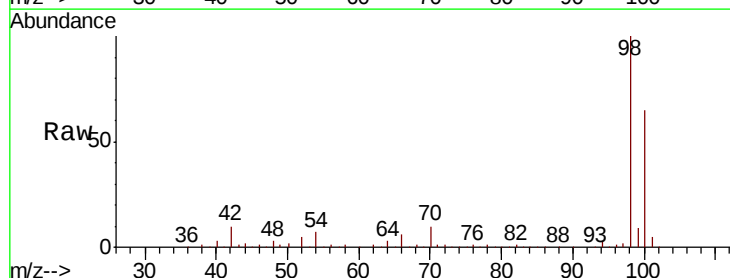


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

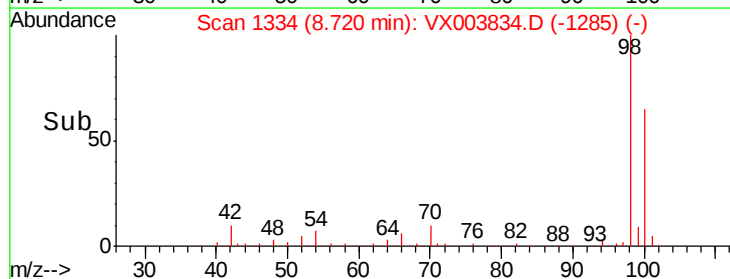
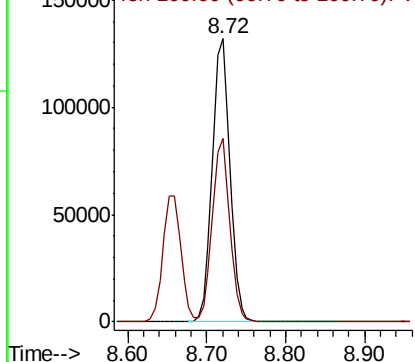


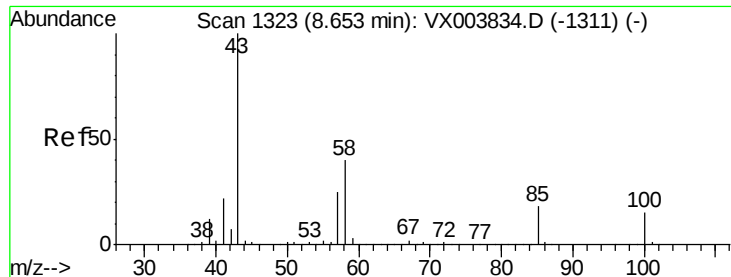
#50
Toluene-d8
Concen: 49.139 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 98 Resp: 208192
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



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

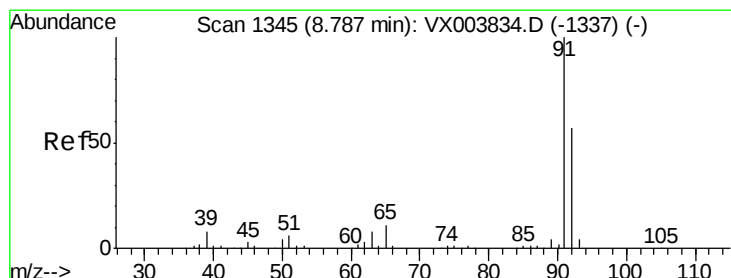
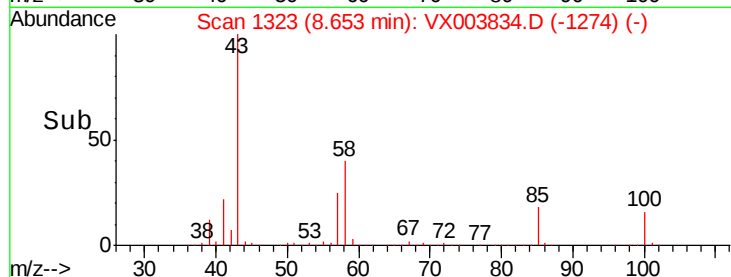
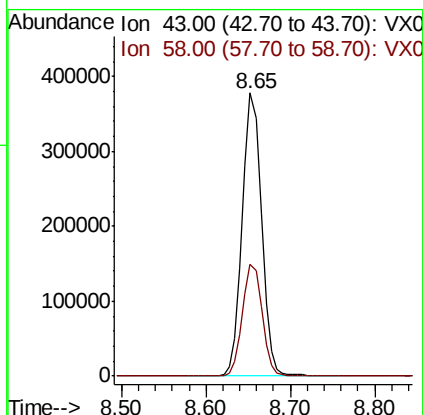
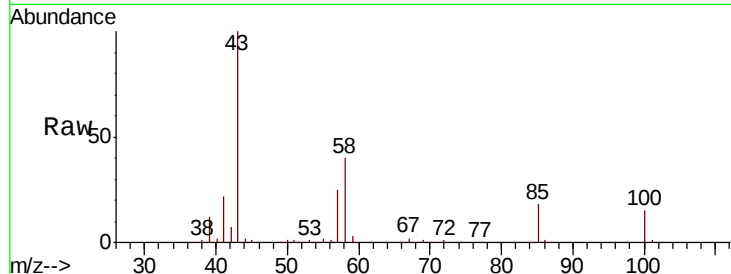




#51
4-Methyl-2-Pentanone
Concen: 296.927 ug/l
RT: 8.65 min Scan# 1323
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

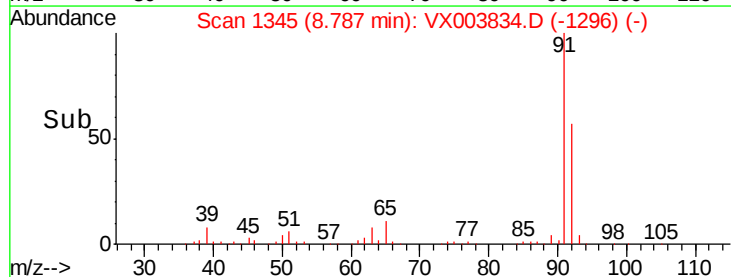
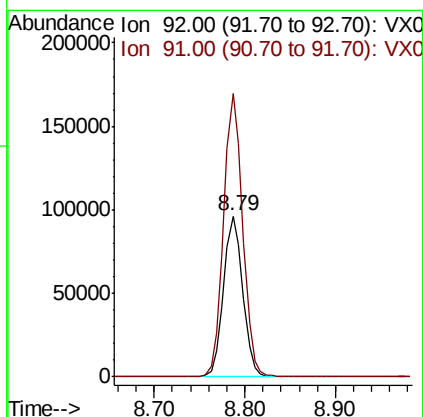
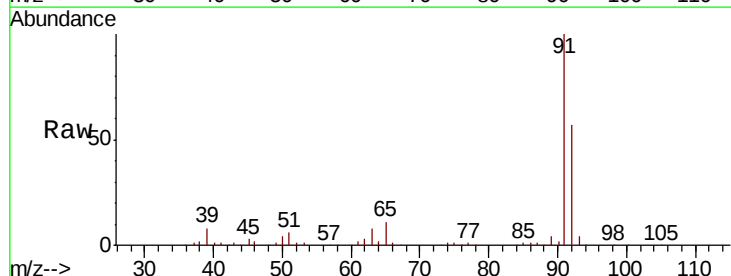
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

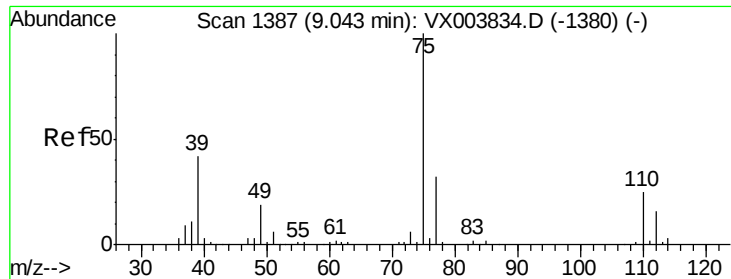
Tgt Ion: 43 Resp: 580486
Ion Ratio Lower Upper
43 100
58 40.2 32.2 48.2



#52
Toluene
Concen: 48.799 ug/l
RT: 8.79 min Scan# 1345
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 92 Resp: 142442
Ion Ratio Lower Upper
92 100
91 175.2 140.2 210.2

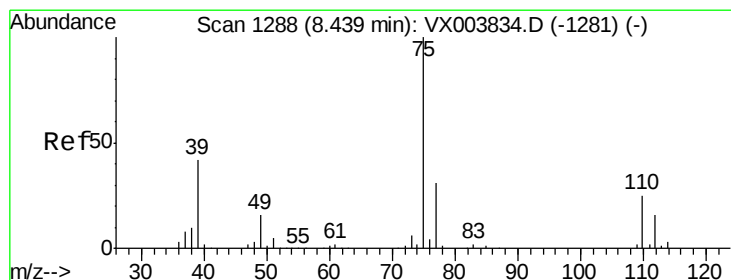
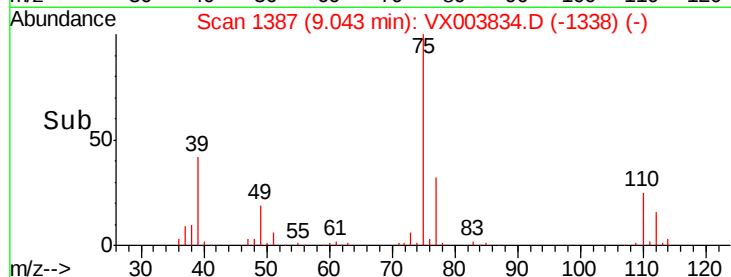
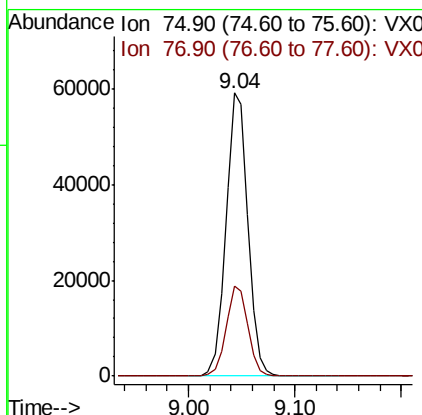
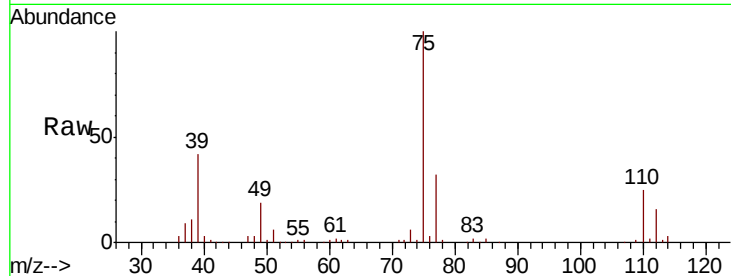




#53
 t-1,3-Dichloropropene
 Concen: 52.073 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

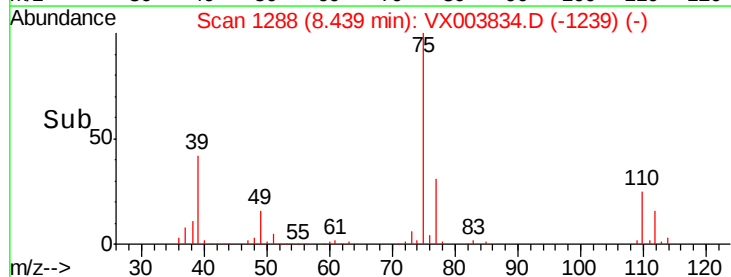
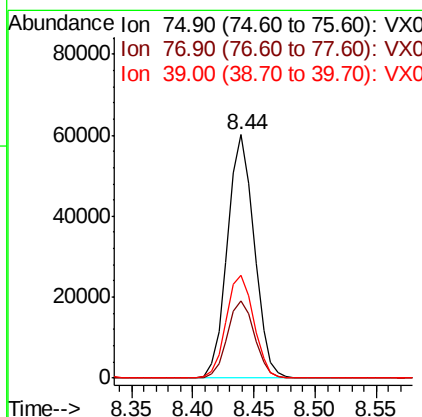
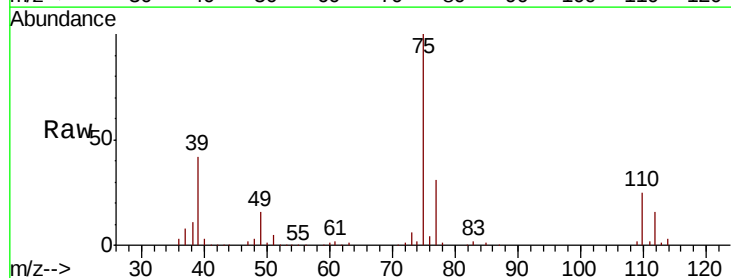
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

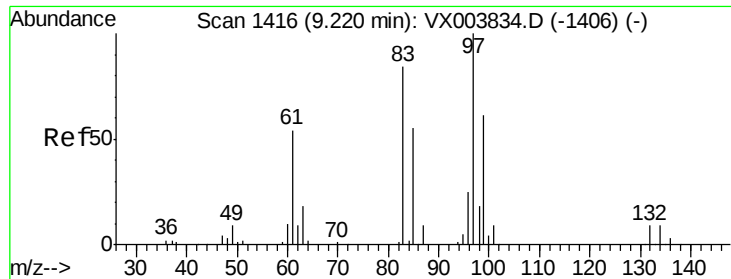
Tgt Ion: 75 Resp: 84806
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.087 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 75 Resp: 91315
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.2 37.8
 39 41.9 33.5 50.3

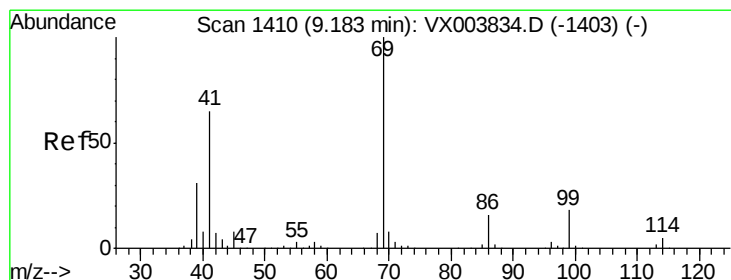
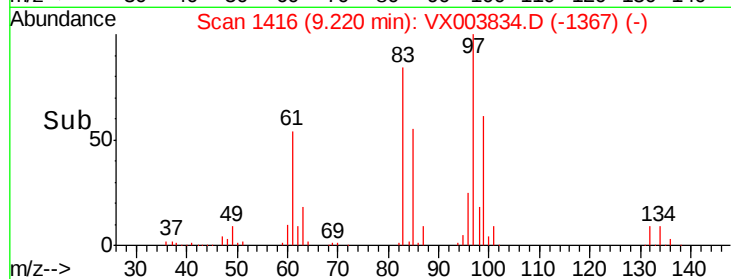
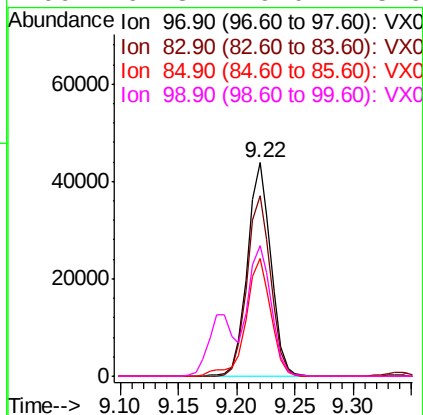
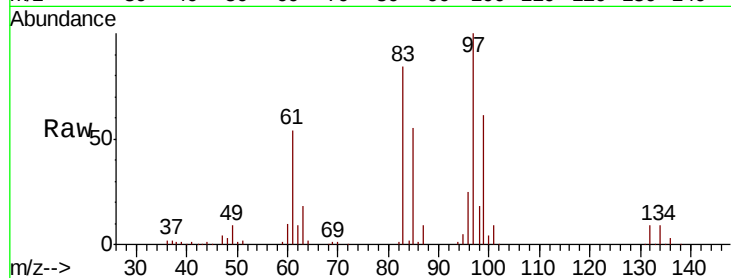




#55
 1,1,2-Trichloroethane
 Concen: 51.472 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

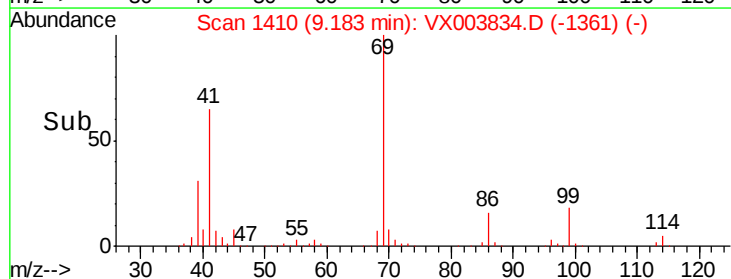
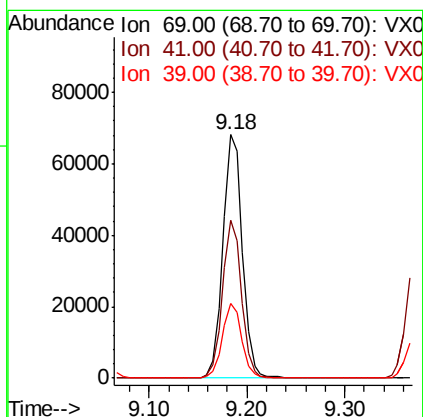
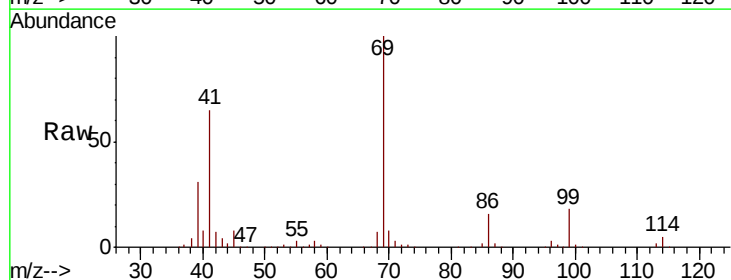
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

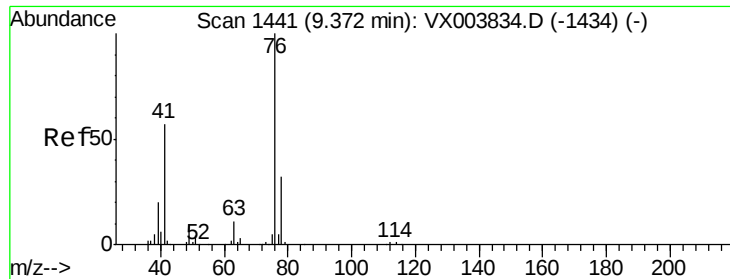
Tgt Ion:	97	Resp:	61961
Ion	Ratio	Lower	Upper
97	100		
83	84.3	67.4	101.2
85	54.9	43.9	65.9
99	61.3	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 52.741 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion:	69	Resp:	93990
Ion	Ratio	Lower	Upper
69	100		
41	63.9	51.1	76.7
39	30.9	24.7	37.1





#57

1,3-Dichloropropane

Concen: 50.532 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

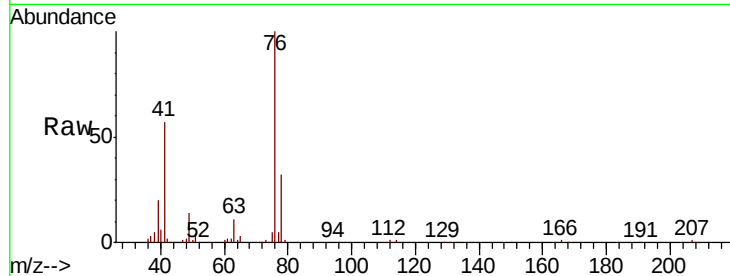
VSTDICCC050

Tgt Ion: 76 Resp: 101966

Ion Ratio Lower Upper

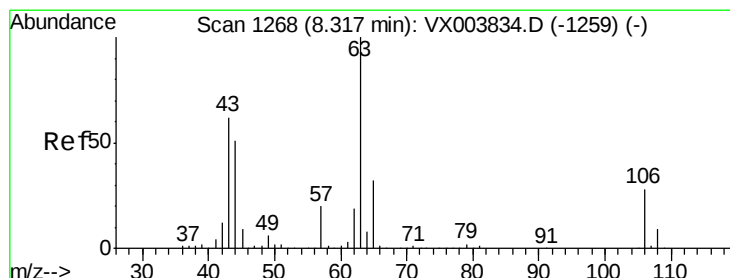
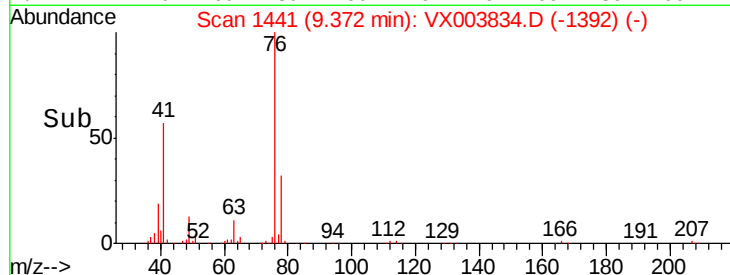
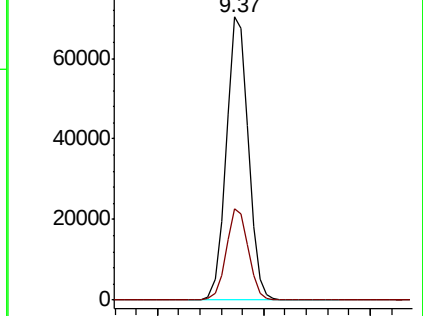
76 100

78 32.1 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.455 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003834.D

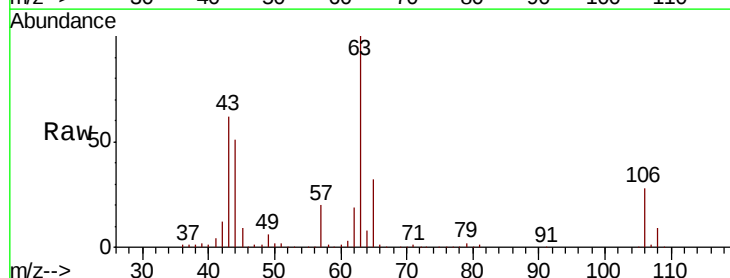
Acq: 02 Aug 2018 20:15

Tgt Ion: 63 Resp: 243476

Ion Ratio Lower Upper

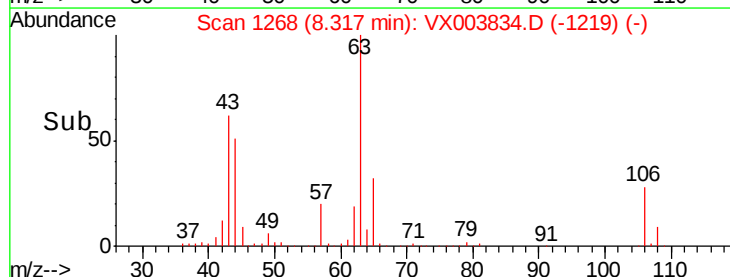
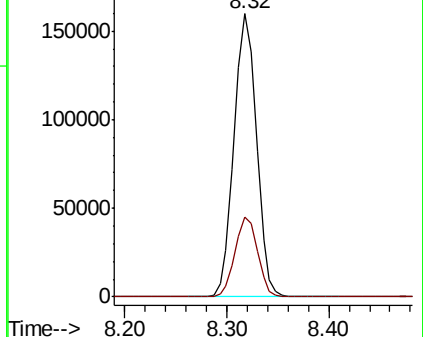
63 100

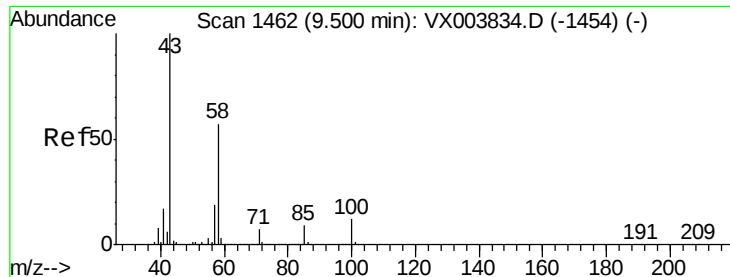
106 28.3 22.6 34.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

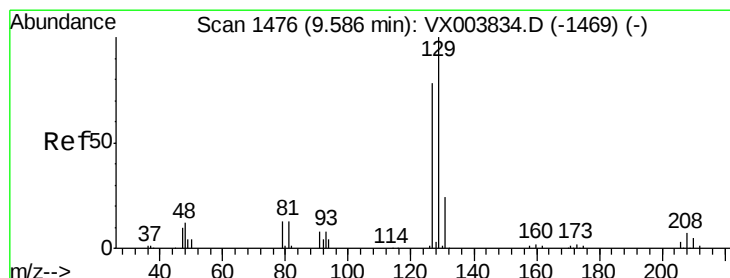
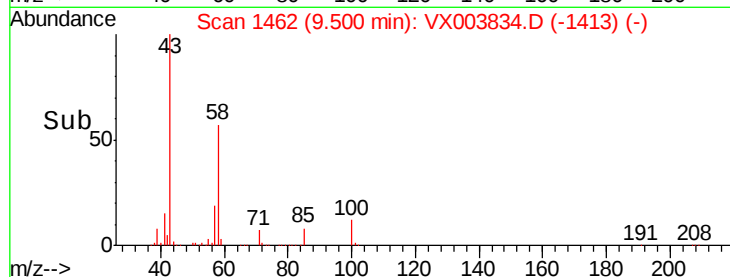
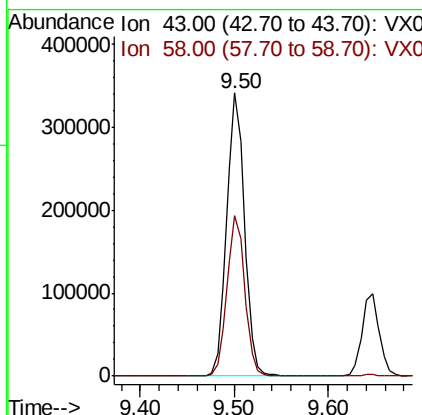
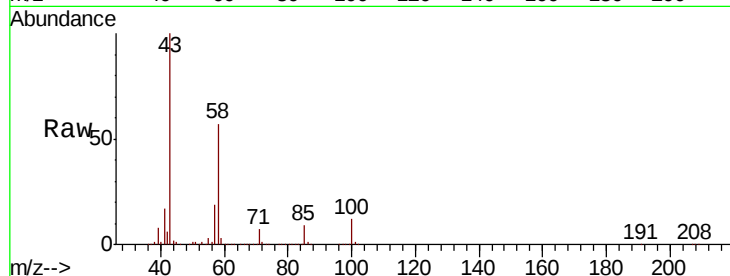




#59
2-Hexanone
Concen: 300.163 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

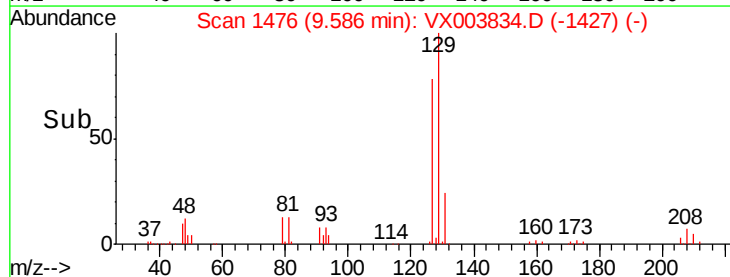
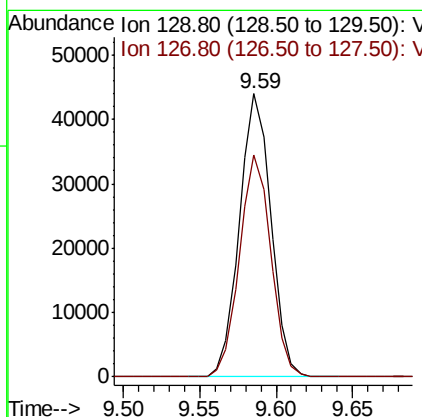
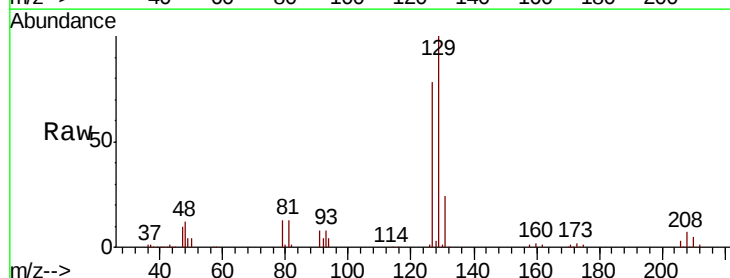
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

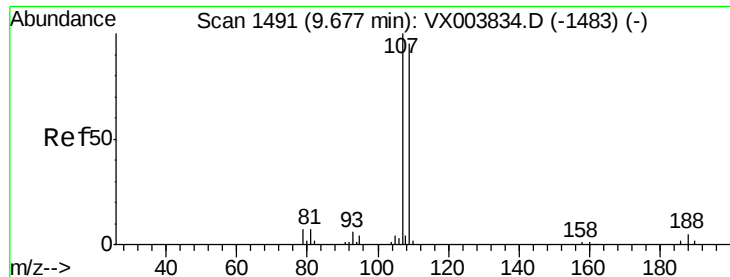
Tgt Ion: 43 Resp: 449612
Ion Ratio Lower Upper
43 100
58 56.5 28.2 84.7



#60
Dibromochloromethane
Concen: 54.723 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 129 Resp: 62799
Ion Ratio Lower Upper
129 100
127 77.9 39.0 116.9





#61

1,2-Dibromoethane

Concen: 51.978 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

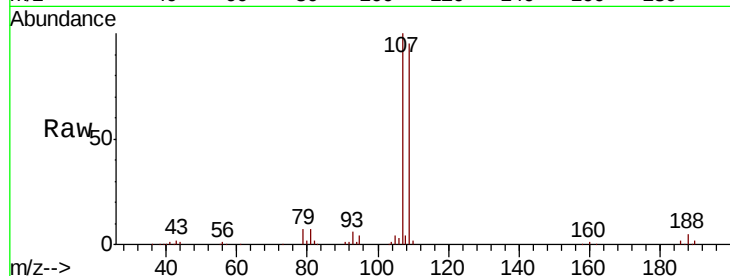
VSTDICCC050

Tgt Ion: 107 Resp: 65318

Ion Ratio Lower Upper

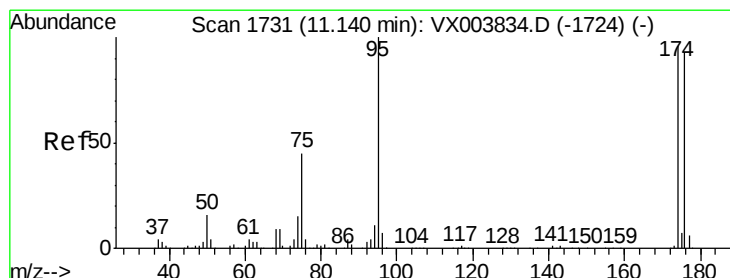
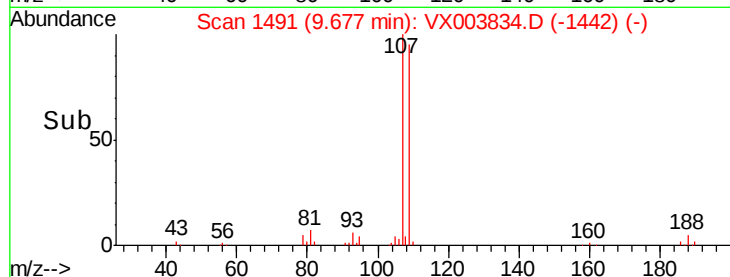
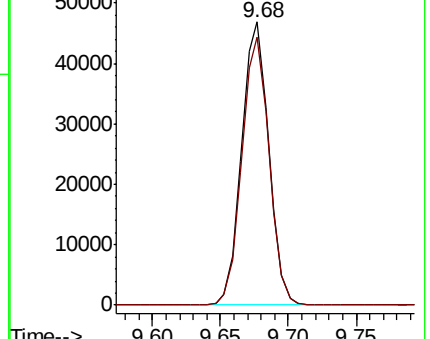
107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.550 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

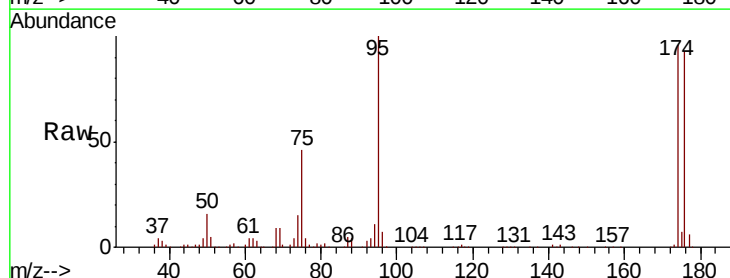
Tgt Ion: 95 Resp: 76672

Ion Ratio Lower Upper

95 100

174 96.1 0.0 192.2

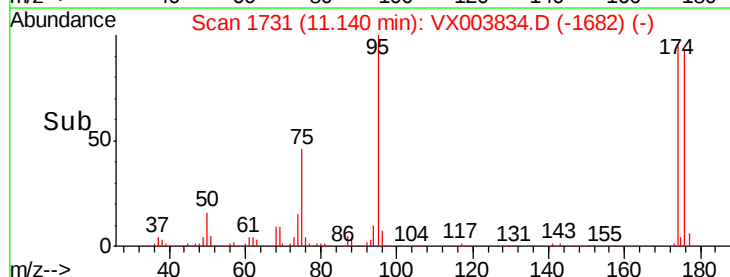
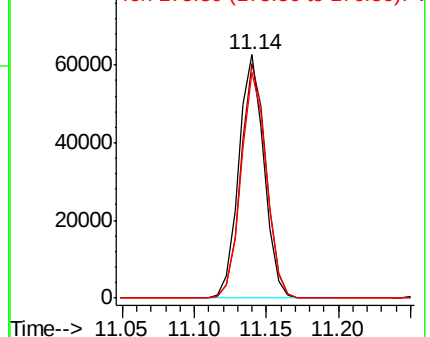
176 92.9 0.0 185.8

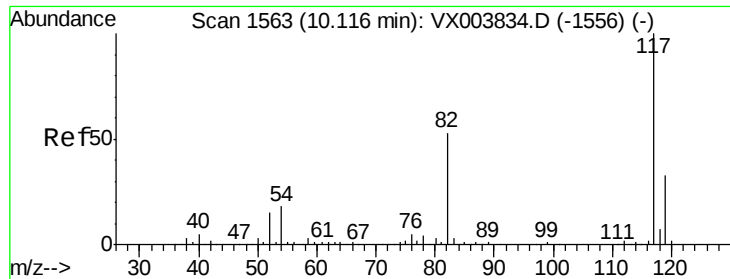


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

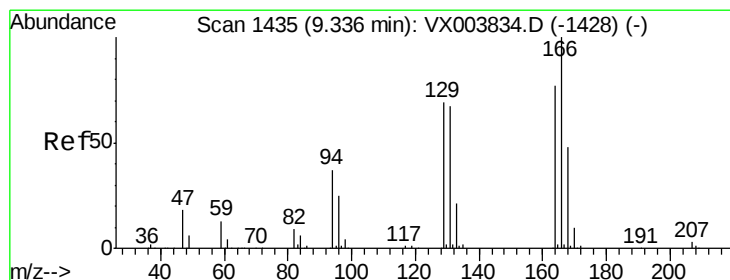
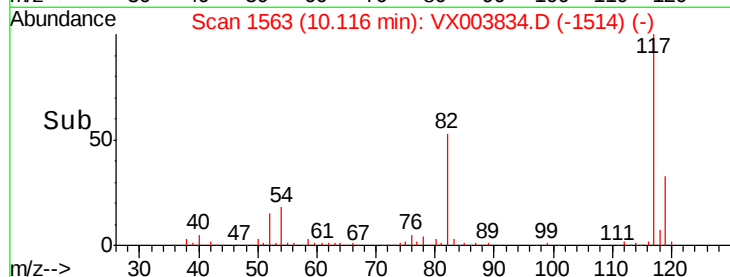
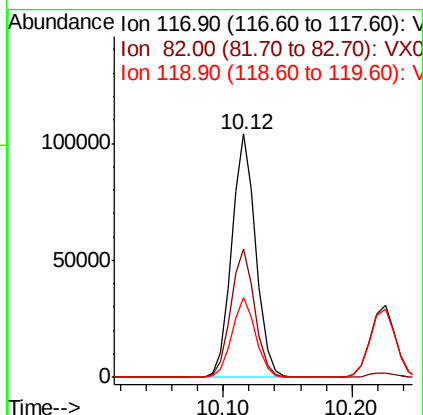
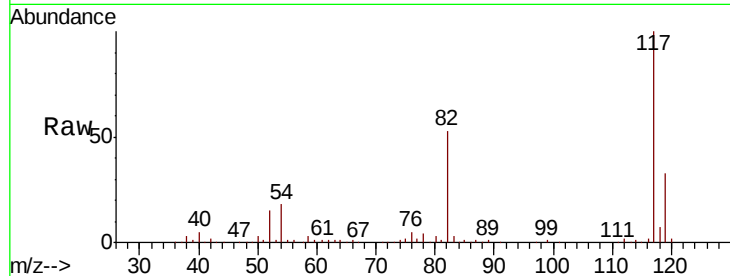




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

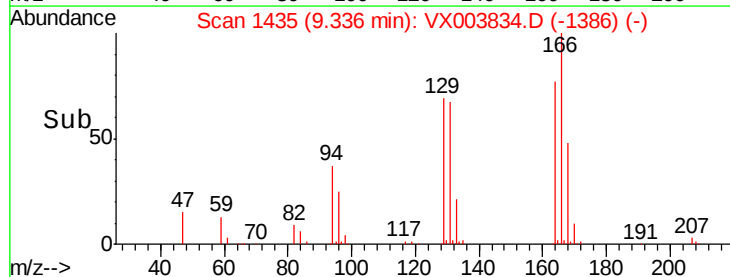
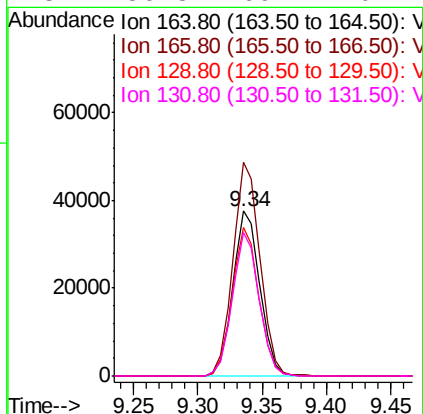
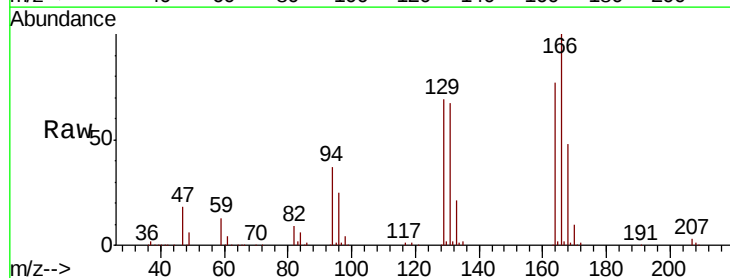
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

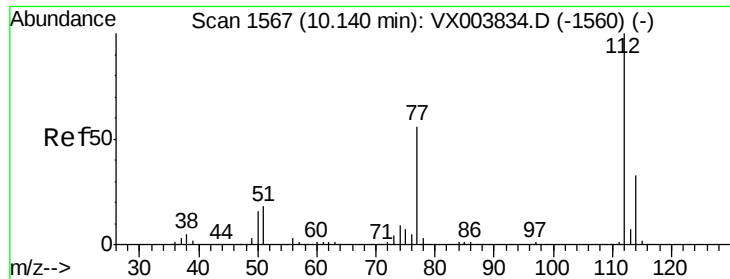
Tgt Ion:117 Resp: 135327
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.7 26.2 39.2



#64
Tetrachloroethene
Concen: 45.036 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion:164 Resp: 54868
Ion Ratio Lower Upper
164 100
166 129.6 103.7 155.5
129 89.9 71.9 107.9
131 86.8 69.4 104.2

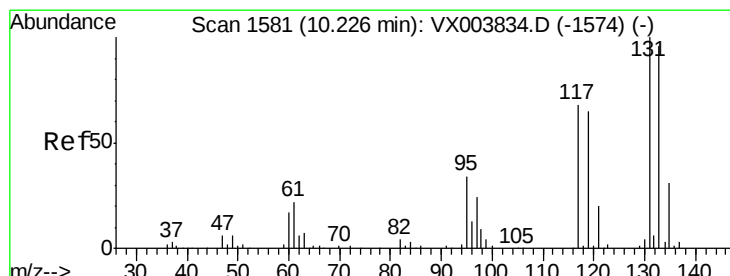
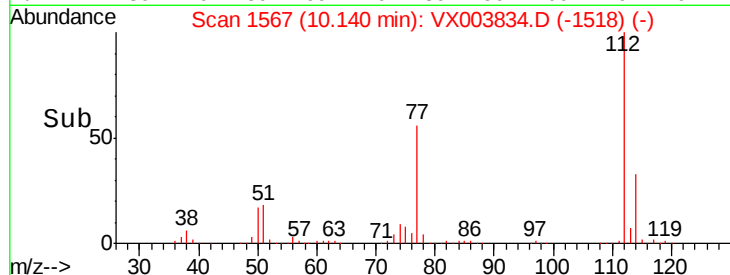
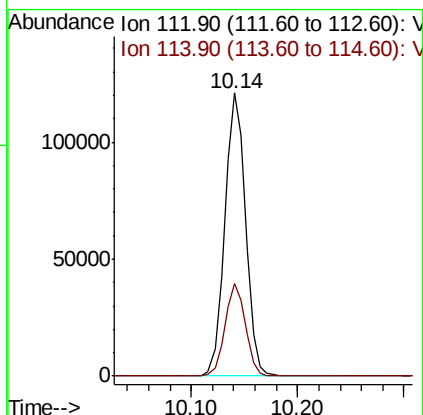
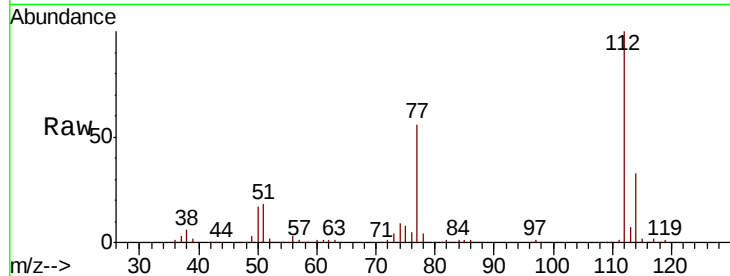




#65
Chlorobenzene
Concen: 48.513 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

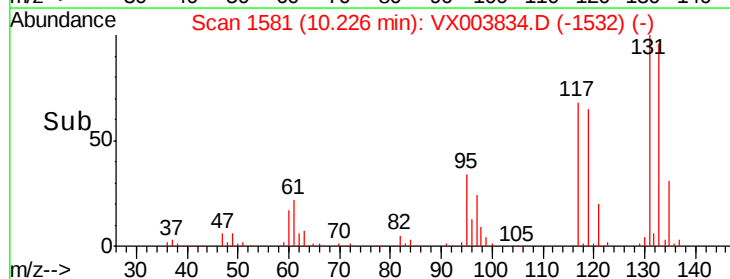
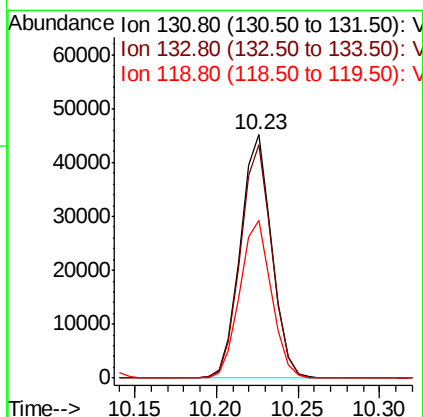
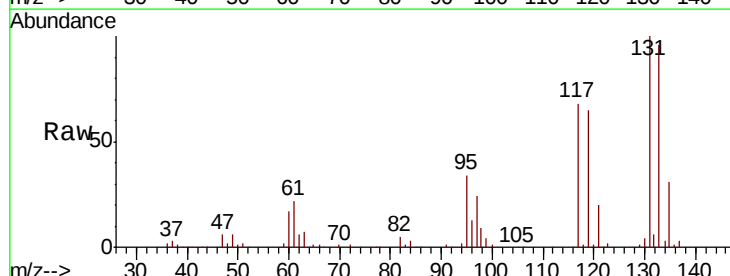
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

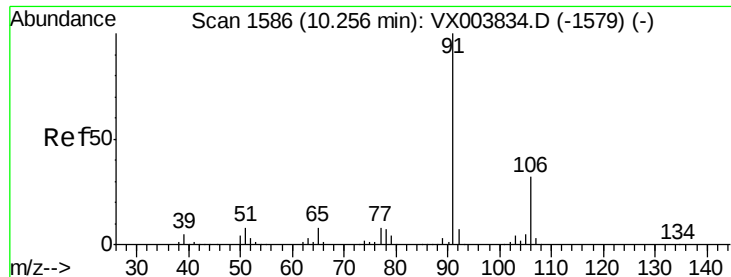
Tgt Ion:112 Resp: 164807
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.918 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion:131 Resp: 60413
Ion Ratio Lower Upper
131 100
133 95.9 47.9 143.8
119 65.5 32.8 98.3





#67

Ethyl Benzene

Concen: 47.459 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

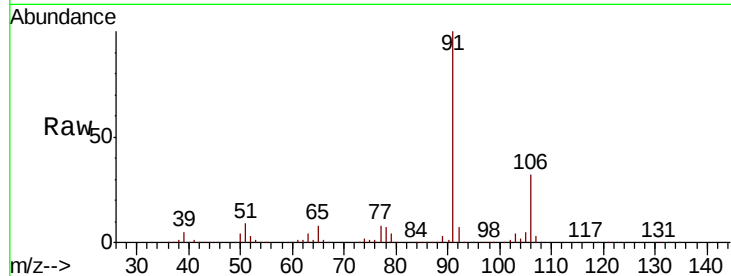
VSTDICCC050

Tgt Ion: 91 Resp: 266673

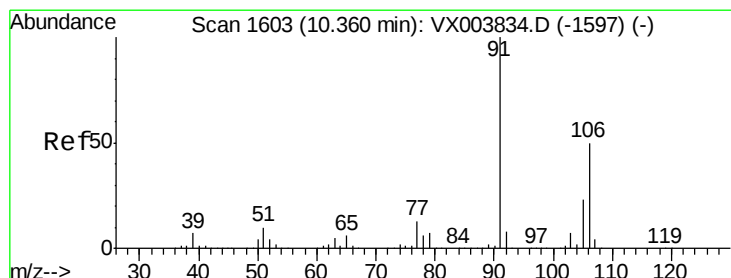
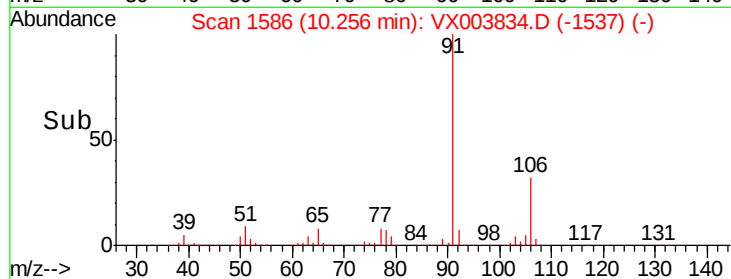
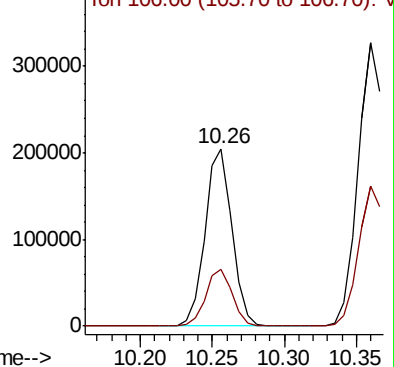
Ion Ratio Lower Upper

91 100

106 32.1 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX003834.D (-1579) (-)



#68

m/p-Xylenes

Concen: 97.589 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003834.D

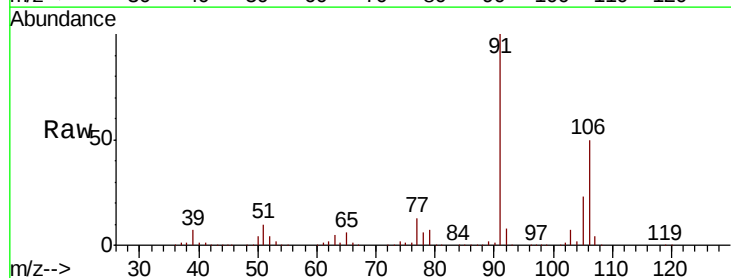
Acq: 02 Aug 2018 20:15

Tgt Ion: 106 Resp: 210798

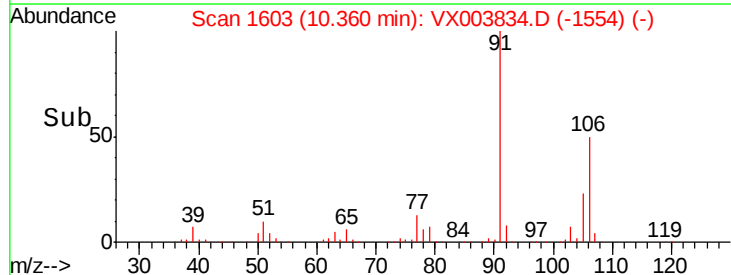
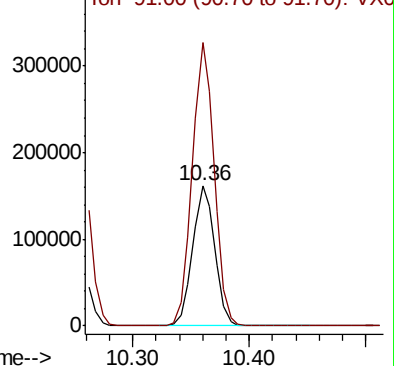
Ion Ratio Lower Upper

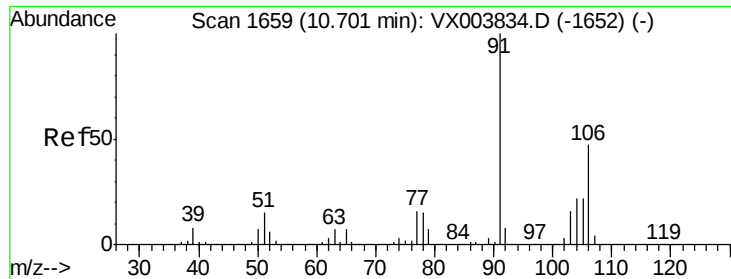
106 100

91 201.6 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): VX003834.D (-1597) (-)

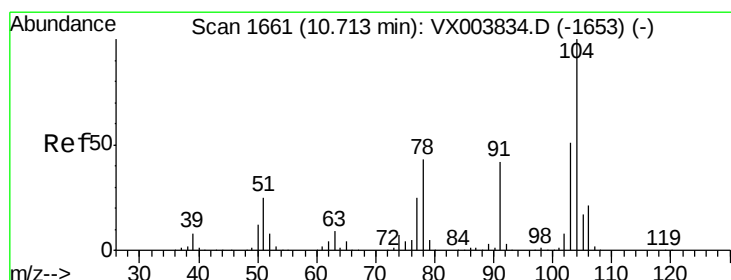
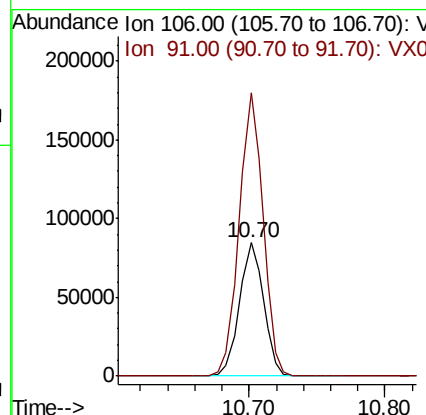
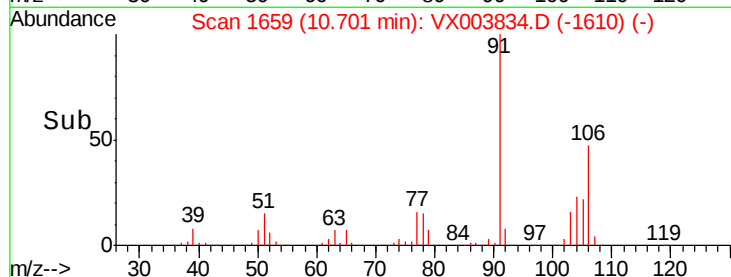
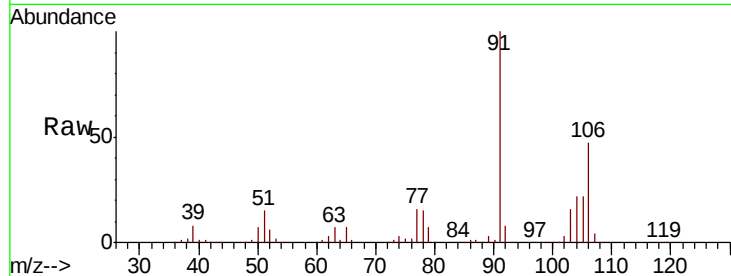




#69
o-Xylene
Concen: 49.957 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

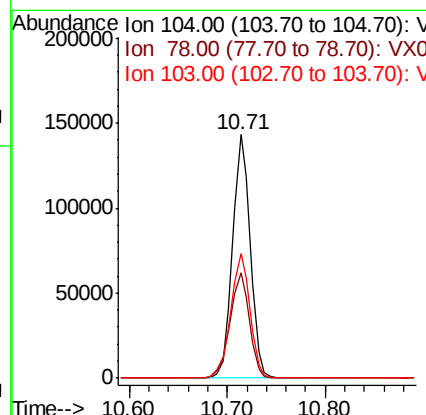
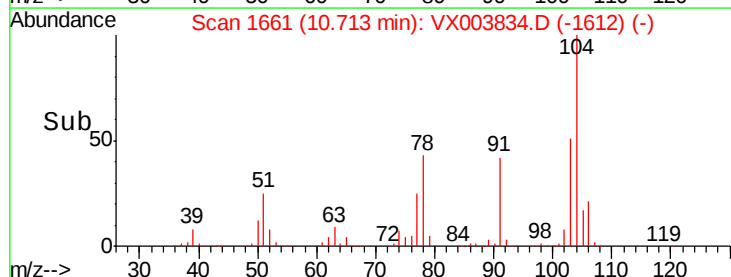
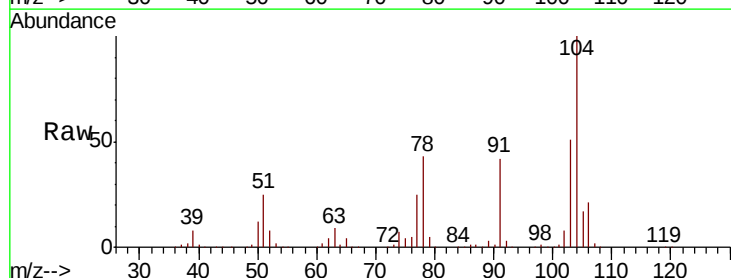
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

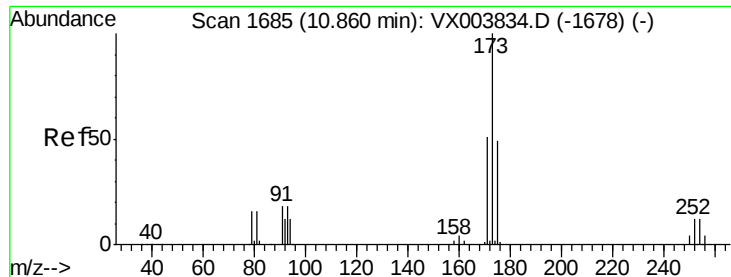
Tgt Ion:106 Resp: 104399
Ion Ratio Lower Upper
106 100
91 211.4 105.7 317.1



#70
Styrene
Concen: 51.246 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion:104 Resp: 180091
Ion Ratio Lower Upper
104 100
78 47.3 37.8 56.8
103 55.3 44.2 66.4





#71

Bromoform

Concen: 54.494 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

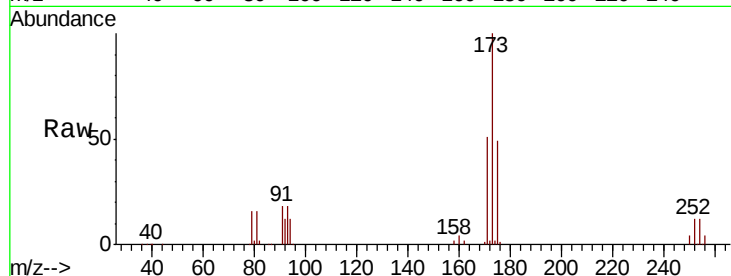
Tgt Ion:173 Resp: 51521

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

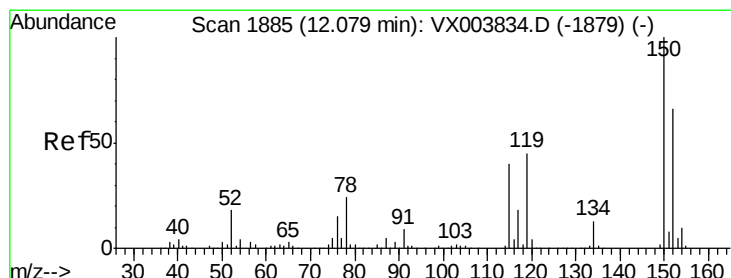
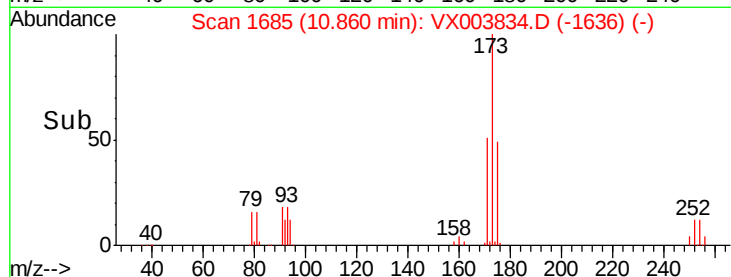
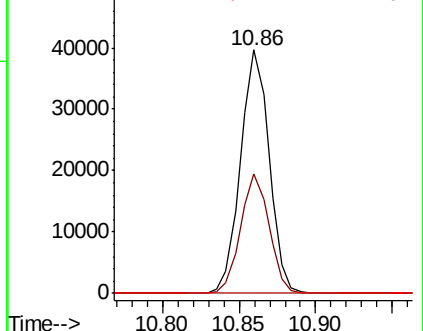
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

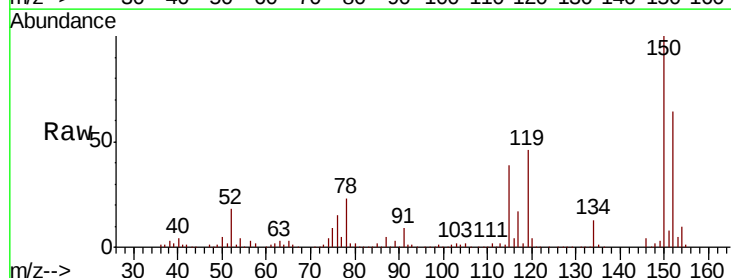
Tgt Ion:152 Resp: 83960

Ion Ratio Lower Upper

152 100

115 74.7 37.4 112.1

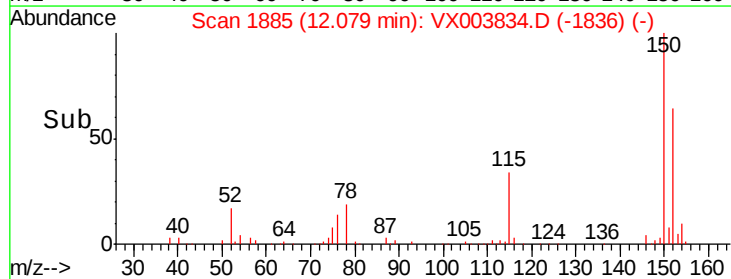
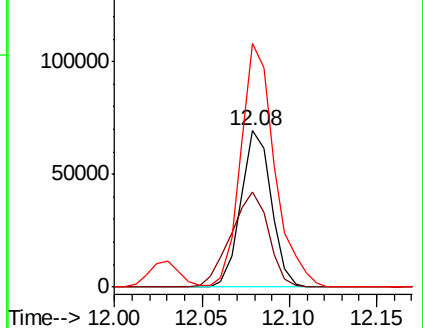
150 173.3 0.0 346.6

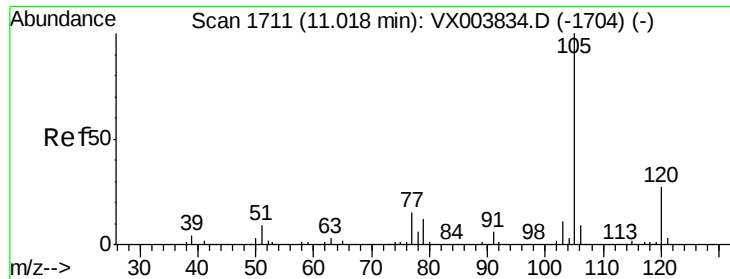


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.560 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

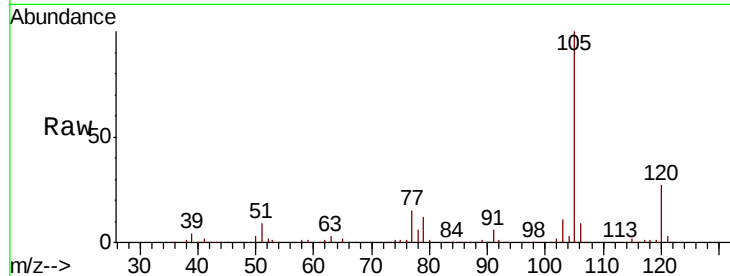
VSTDICCC050

Tgt Ion: 105 Resp: 261892

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

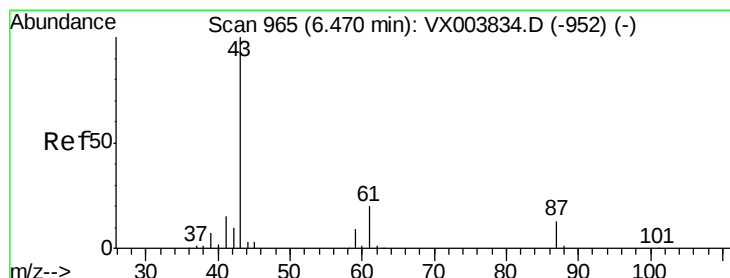
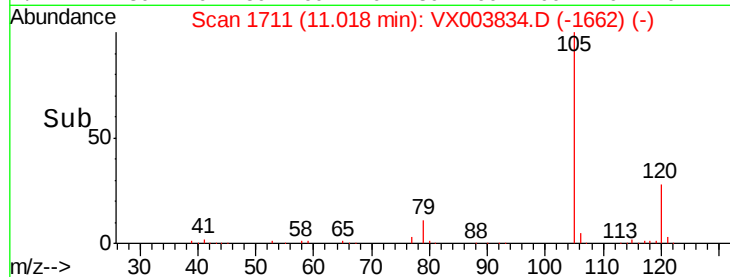
0

11.02

11.00

11.10

Time-->



#74

N-ethyl acetate

Concen: 46.230 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Tgt Ion: 43 Resp: 136313

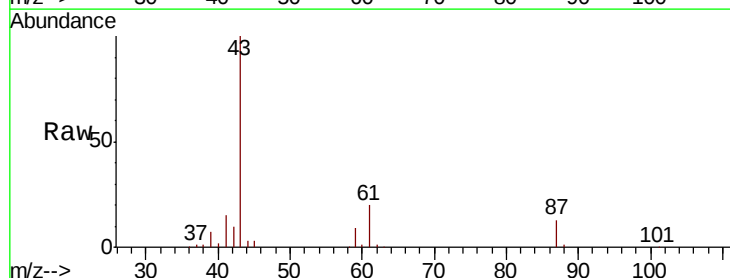
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.9 16.7 25.1



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

80000

60000

40000

20000

0

6.47

6.30

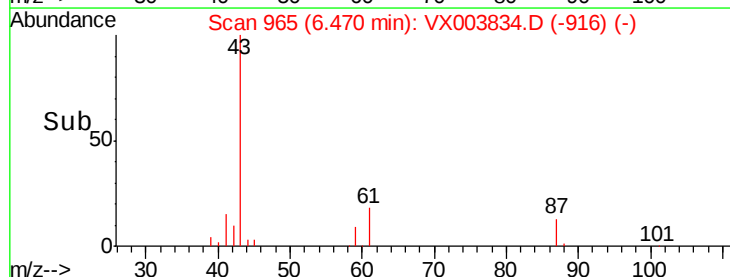
6.40

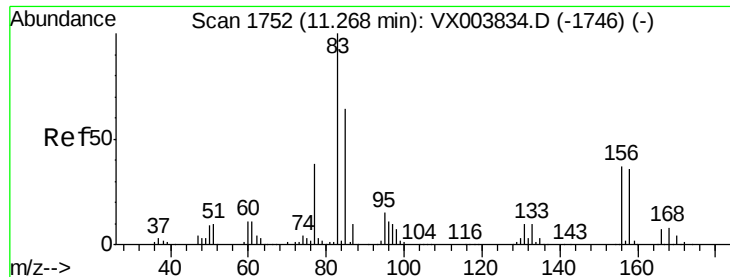
6.50

6.60

6.70

Time-->

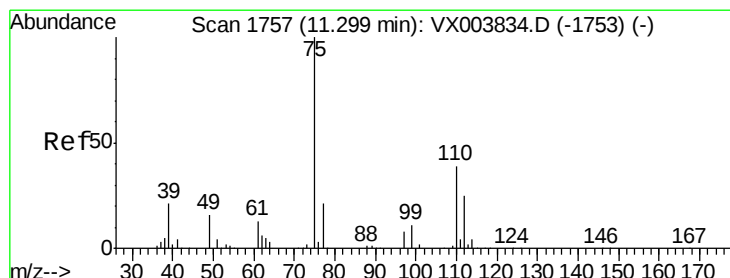
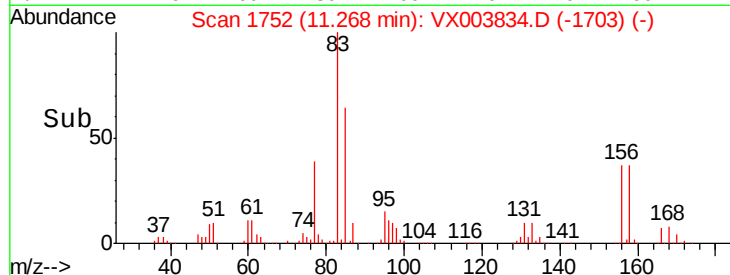
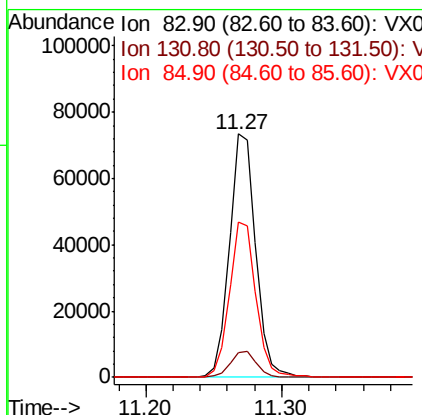
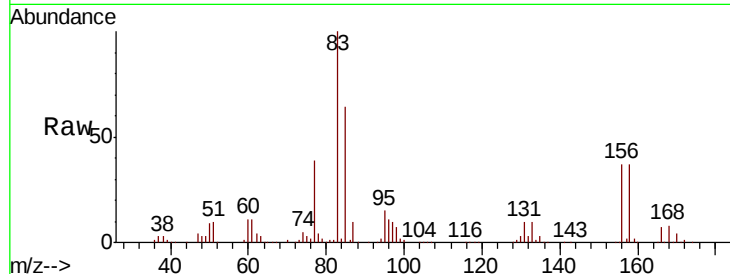




#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.875 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

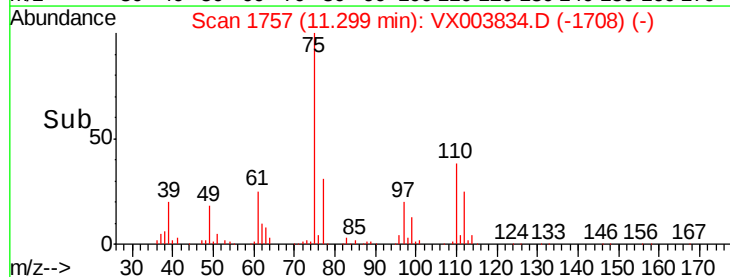
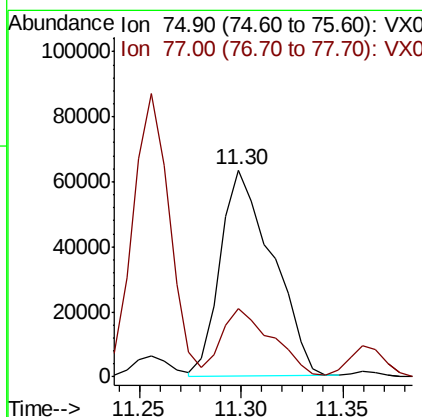
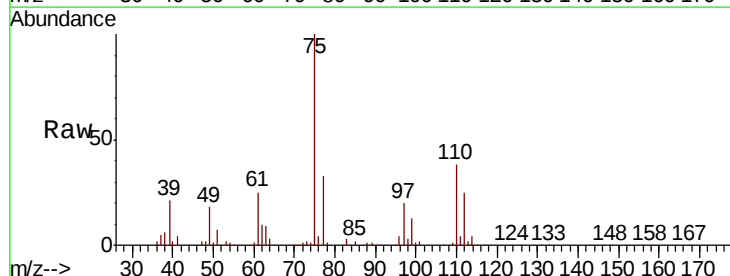
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

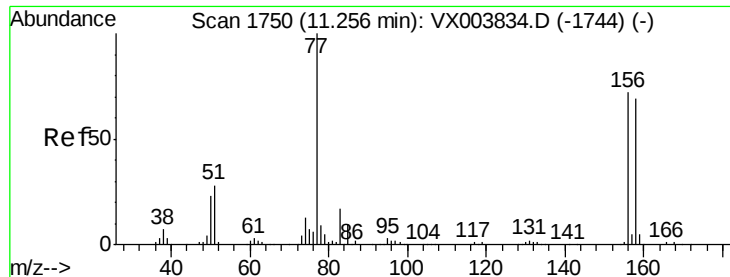
Tgt Ion: 83 Resp: 98741
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 15.9
 85 64.2 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 63.960 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 75 Resp: 112425
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.1 63.3





#77

Bromobenzene

Concen: 50.428 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

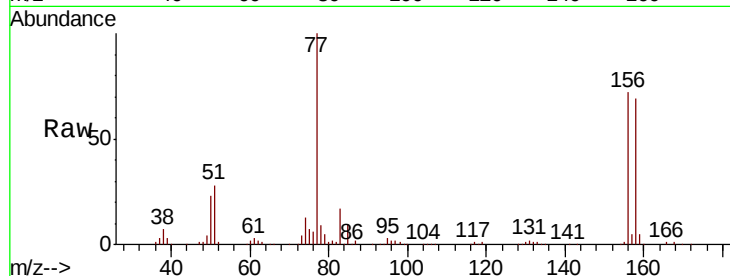
Tgt Ion:156 Resp: 78813

Ion Ratio Lower Upper

156 100

77 137.9 69.0 206.9

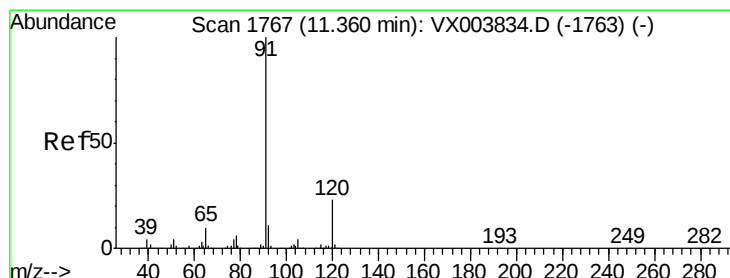
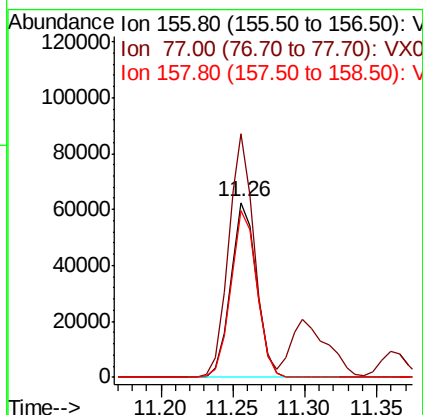
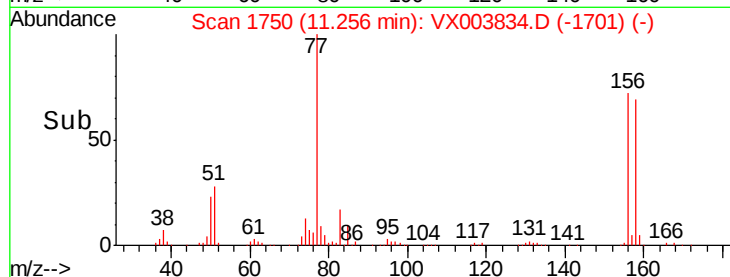
158 96.3 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.274 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003834.D

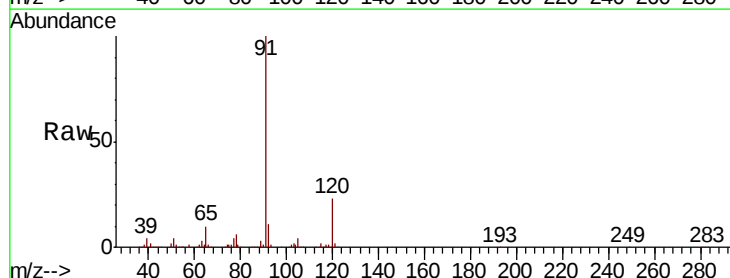
Acq: 02 Aug 2018 20:15

Tgt Ion: 91 Resp: 299421

Ion Ratio Lower Upper

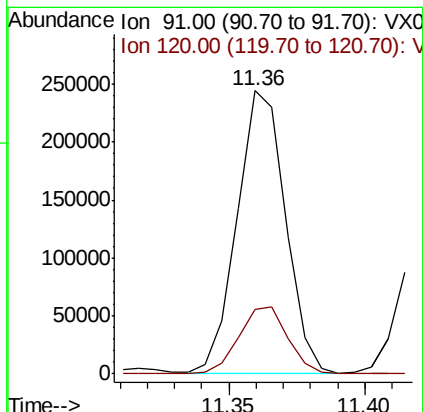
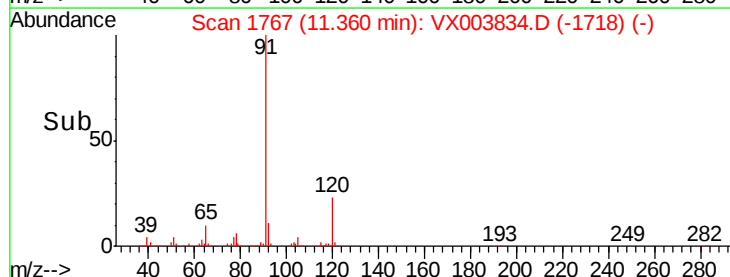
91 100

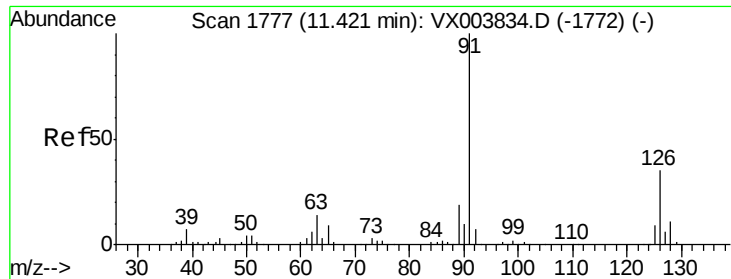
120 24.2 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.233 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

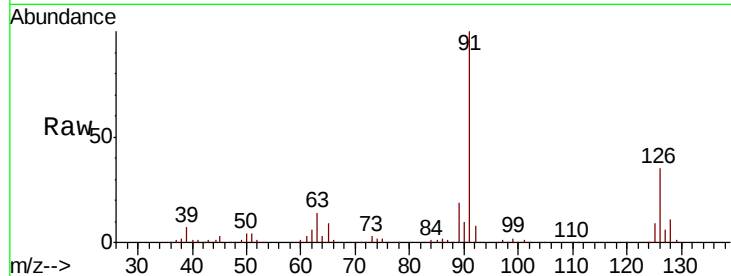
VSTDICCC050

Tgt Ion: 91 Resp: 187876

Ion Ratio Lower Upper

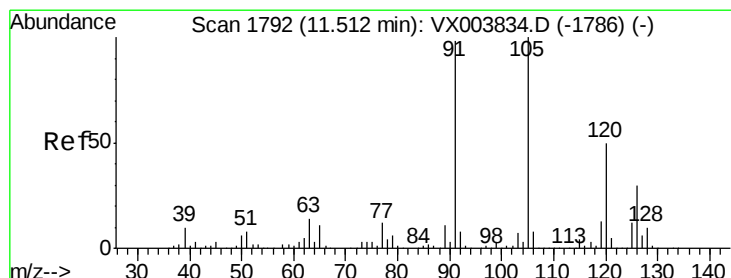
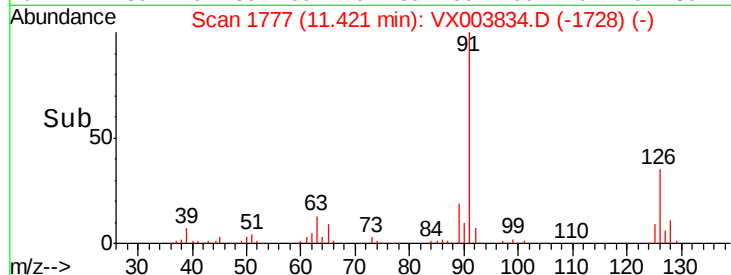
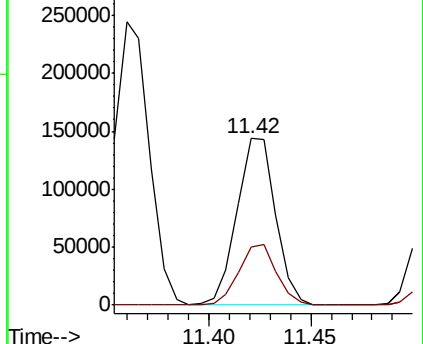
91 100

126 35.8 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 48.316 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003834.D

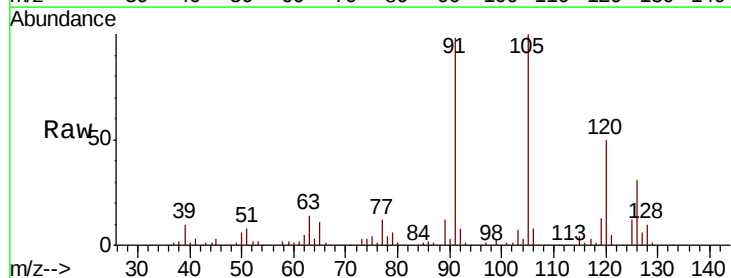
Acq: 02 Aug 2018 20:15

Tgt Ion: 105 Resp: 230874

Ion Ratio Lower Upper

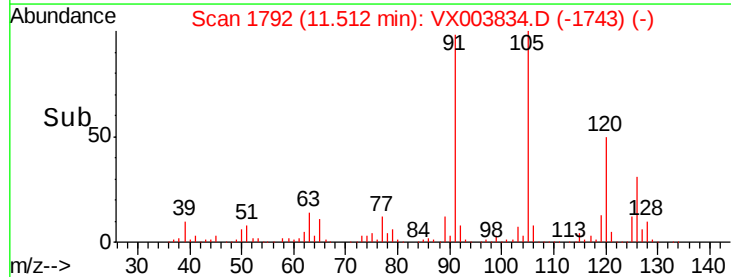
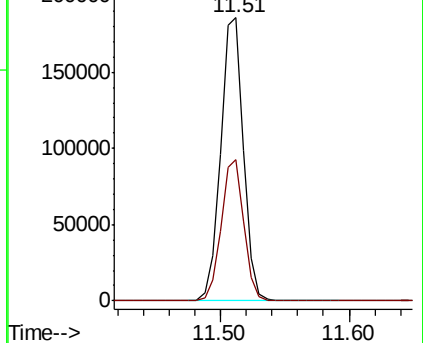
105 100

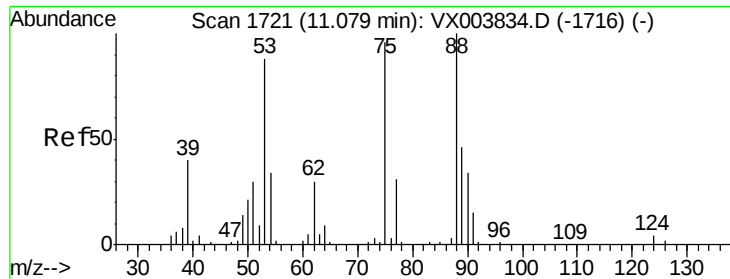
120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.486 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

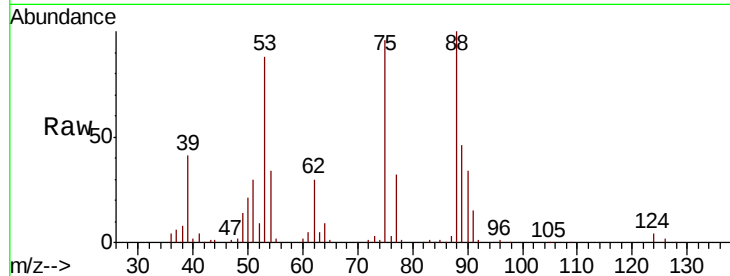
Tgt Ion: 75 Resp: 29054

Ion Ratio Lower Upper

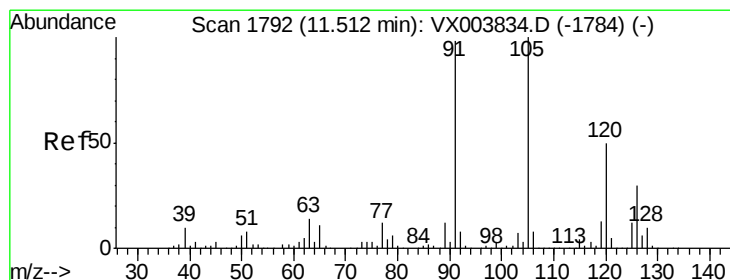
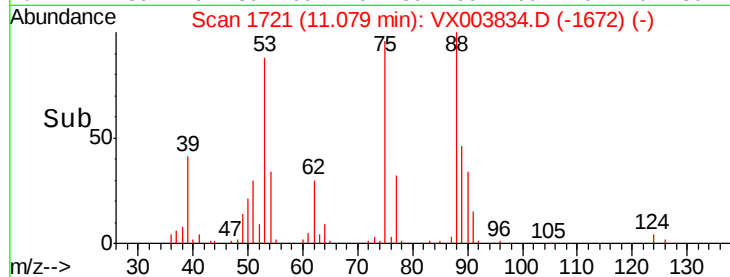
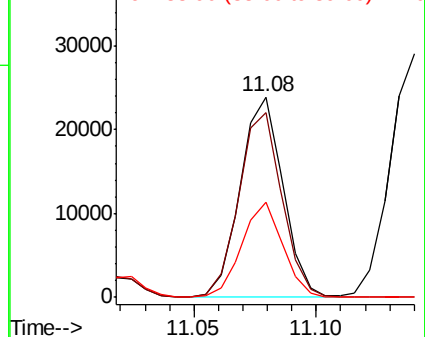
75 100

53 93.6 74.9 112.3

89 45.7 36.6 54.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.272 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003834.D

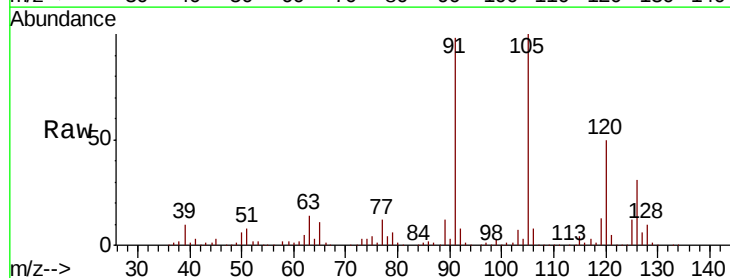
Acq: 02 Aug 2018 20:15

Tgt Ion: 91 Resp: 221347

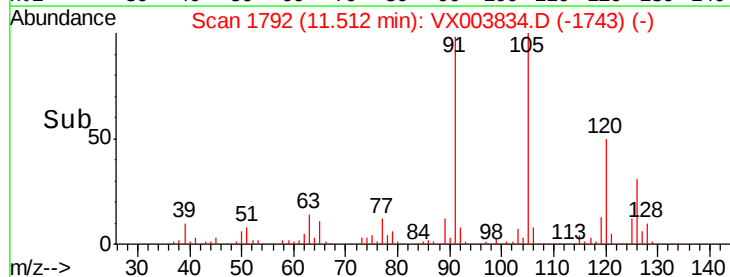
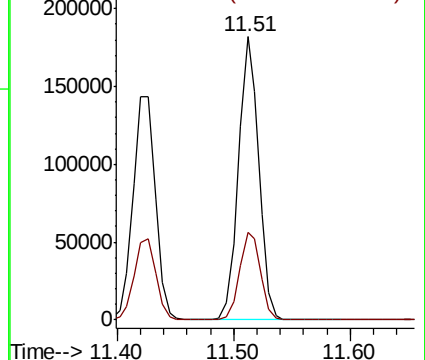
Ion Ratio Lower Upper

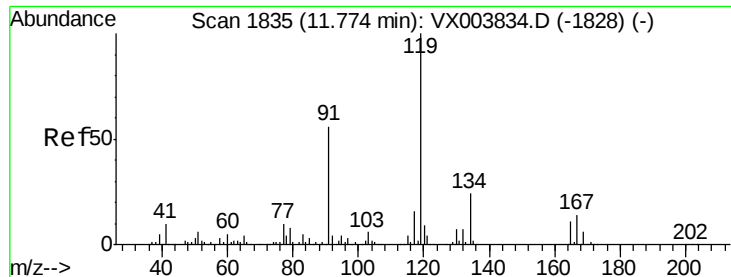
91 100

126 31.9 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

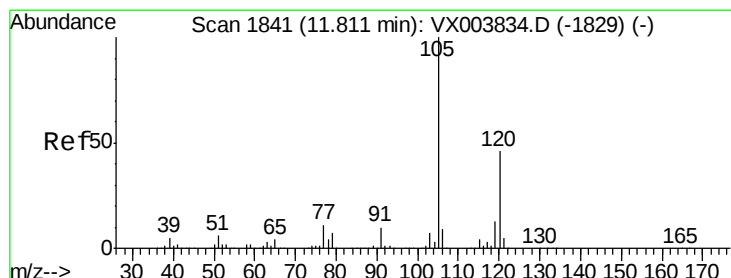
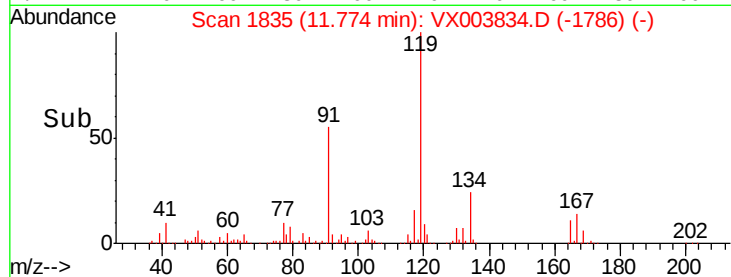
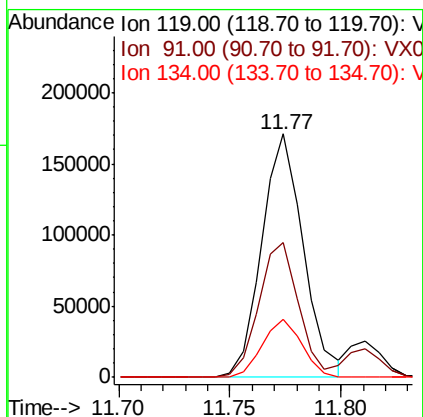
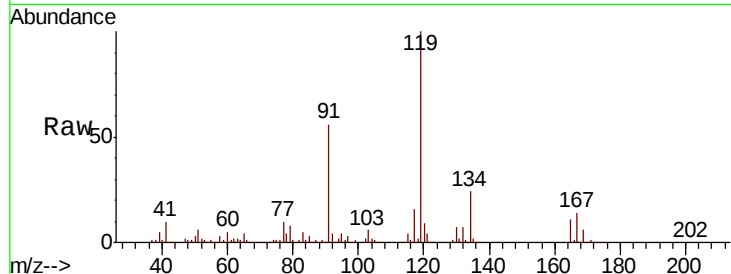




#83
 tert-Butylbenzene
 Concen: 47.432 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

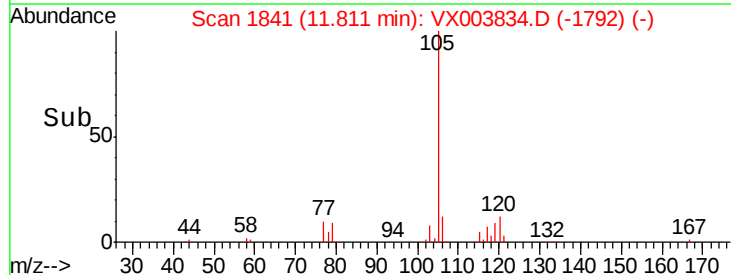
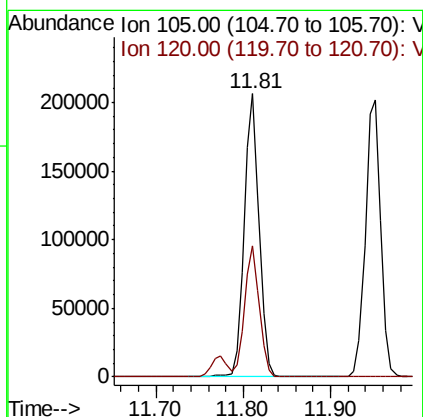
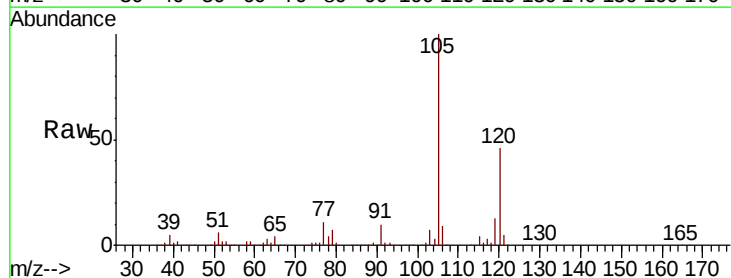
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

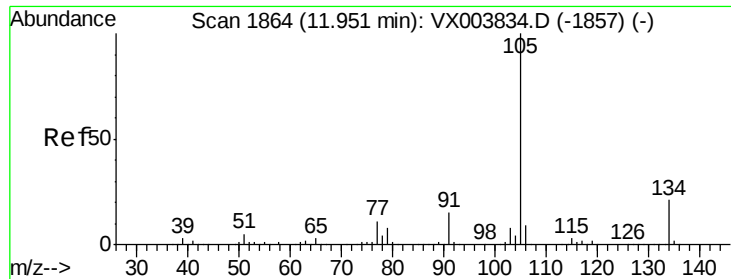
Tgt Ion:119 Resp: 221739
 Ion Ratio Lower Upper
 119 100
 91 53.1 26.6 79.7
 134 23.1 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.429 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion:105 Resp: 243538
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 44.955 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

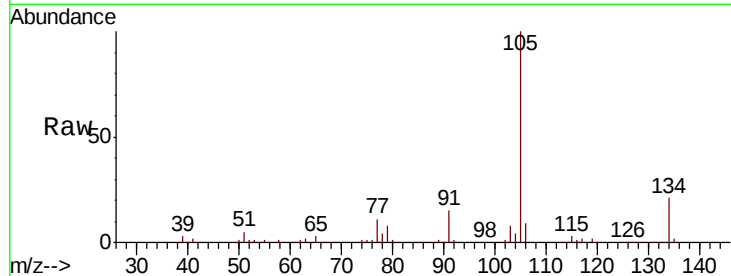
VSTDICCC050

Tgt Ion:105 Resp: 247741

Ion Ratio Lower Upper

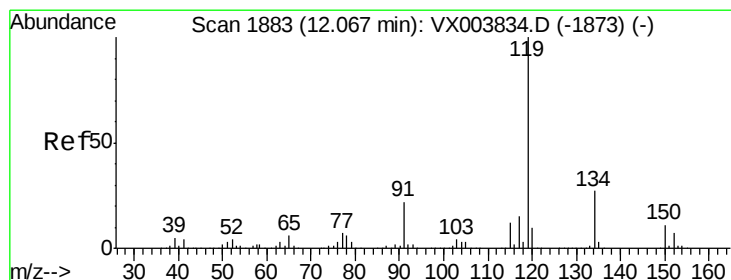
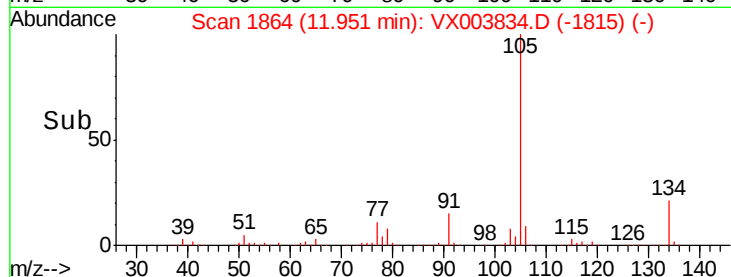
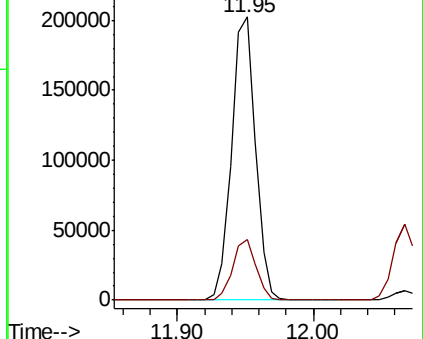
105 100

134 20.9 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 46.540 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

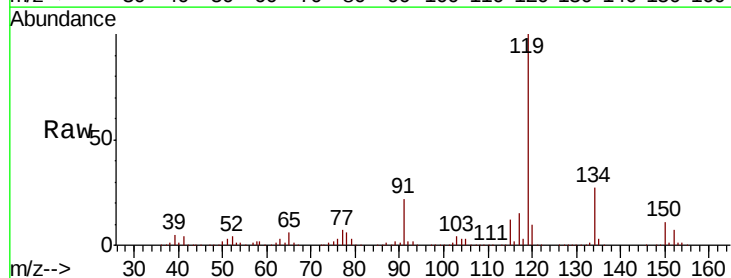
Tgt Ion:119 Resp: 231379

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

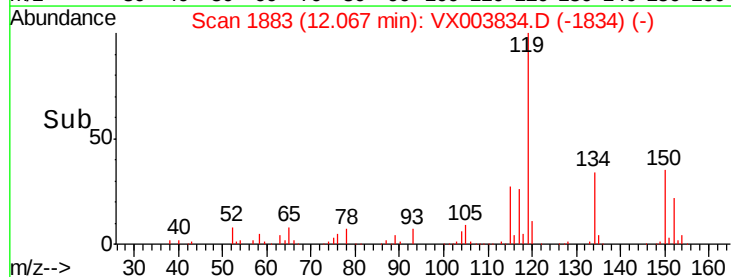
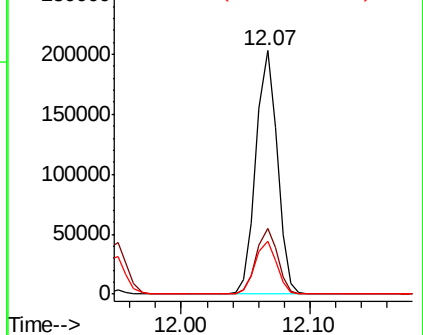
91 22.1 11.1 33.1

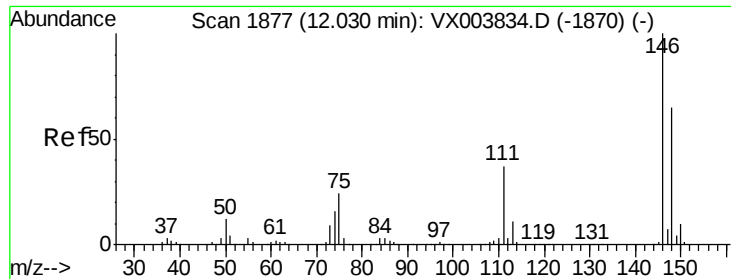


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 48.821 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

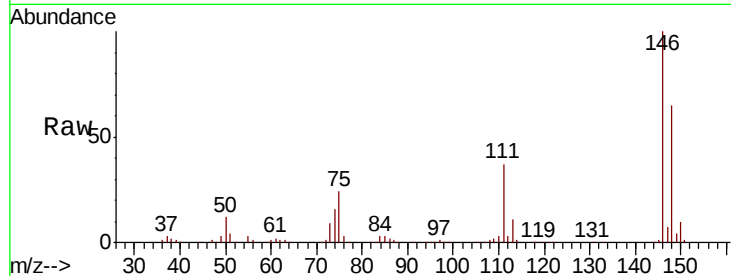
Tgt Ion:146 Resp: 141304

Ion Ratio Lower Upper

146 100

111 37.6 18.8 56.4

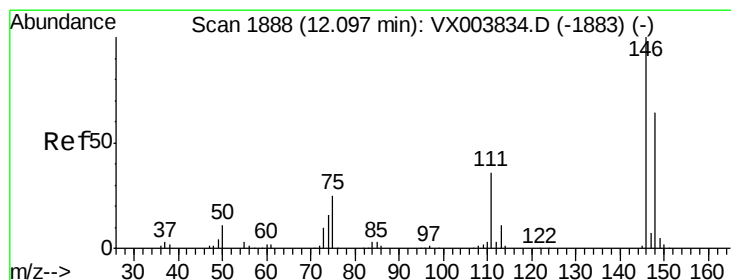
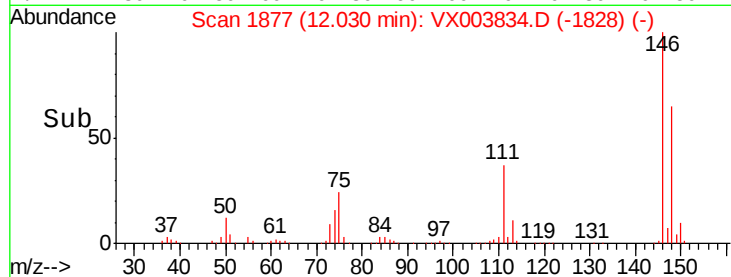
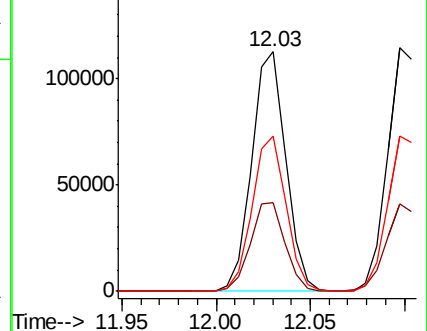
148 64.4 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.062 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

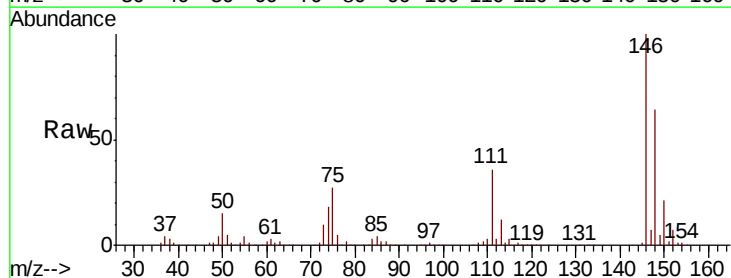
Tgt Ion:146 Resp: 144729

Ion Ratio Lower Upper

146 100

111 36.2 18.1 54.3

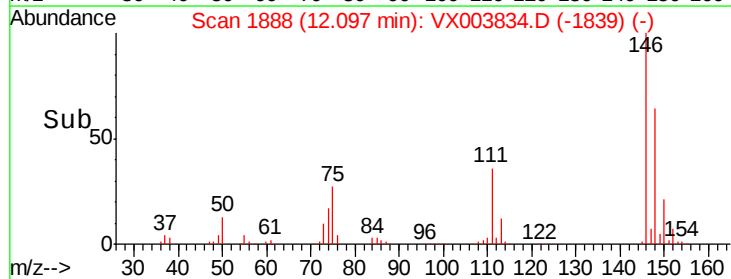
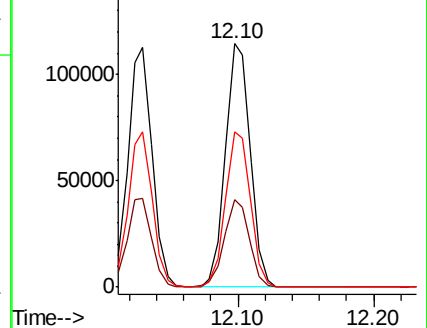
148 64.3 32.1 96.5

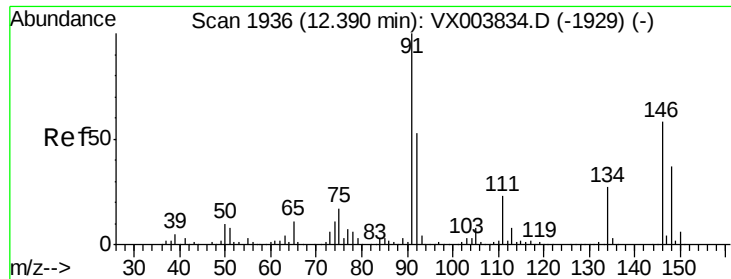


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

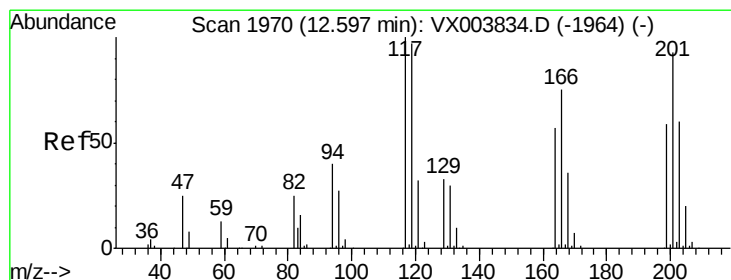
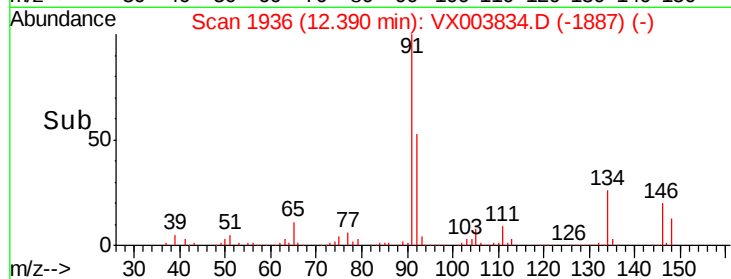
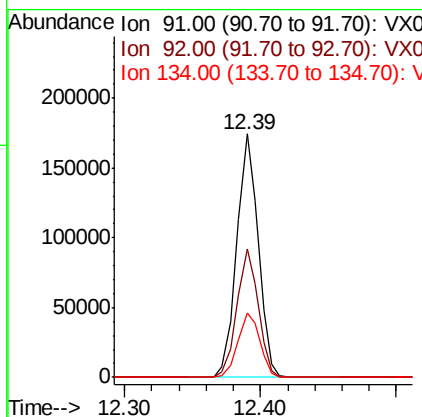
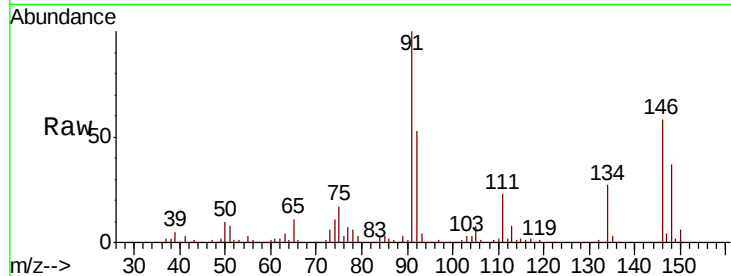




#89
n-Butylbenzene
Concen: 43.012 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

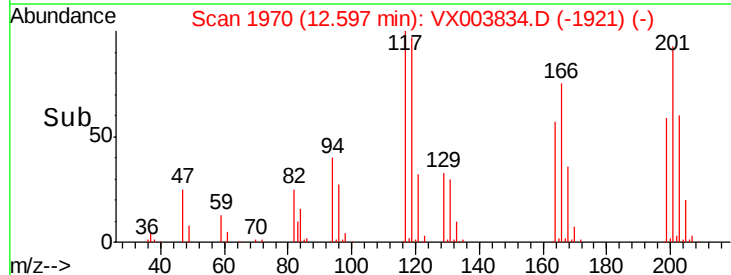
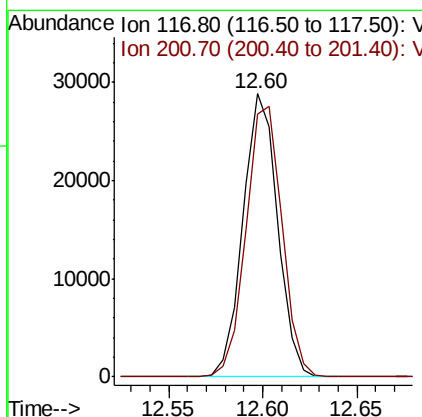
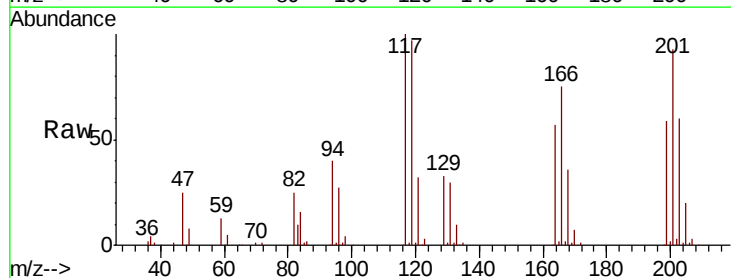
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

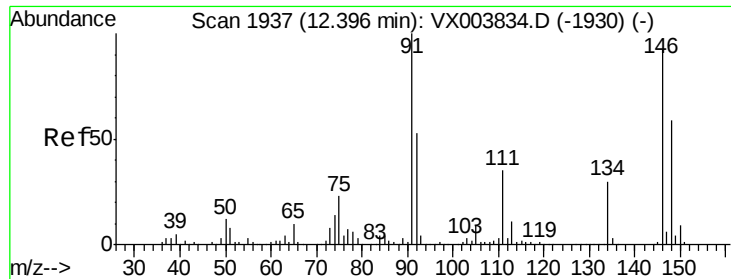
Tgt Ion: 91 Resp: 191171
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 27.3 13.7 41.0



#90
Hexachloroethane
Concen: 47.880 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003834.D
Acq: 02 Aug 2018 20:15

Tgt Ion: 117 Resp: 36637
Ion Ratio Lower Upper
117 100
201 99.7 49.9 149.6

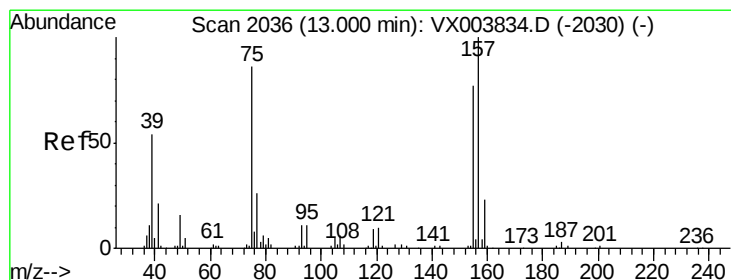
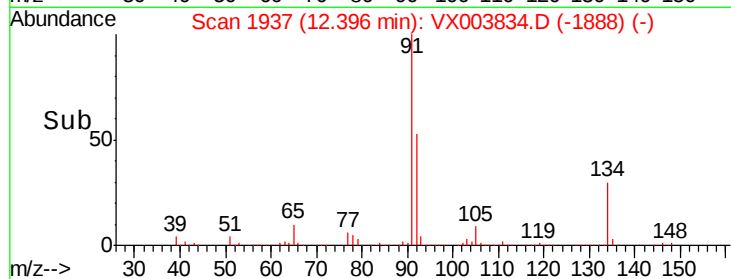
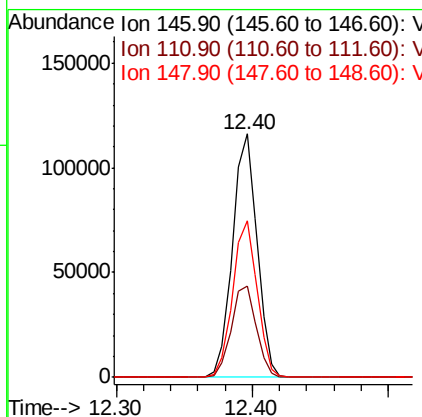
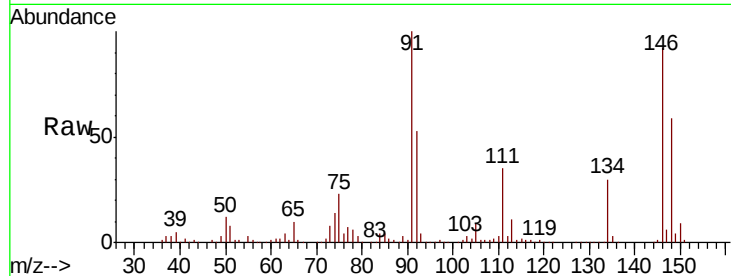




#91
 1,2-Dichlorobenzene
 Concen: 49.097 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

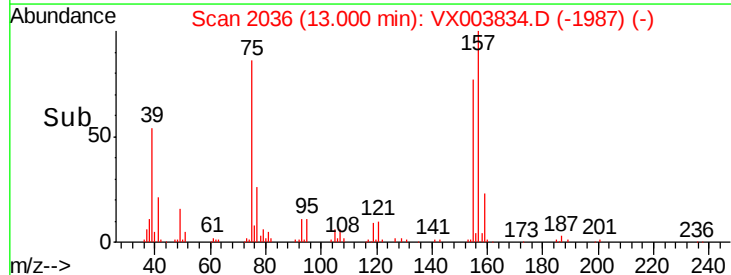
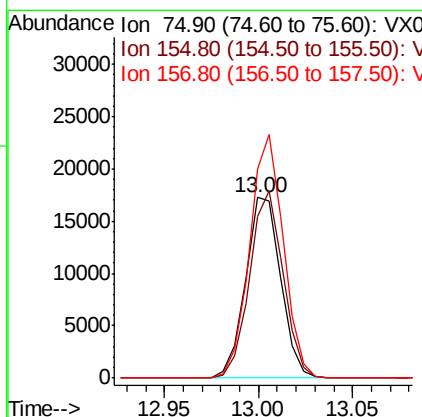
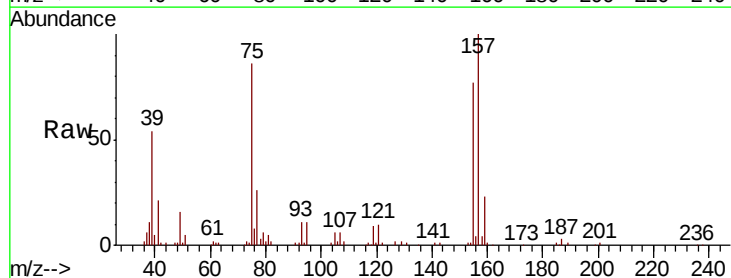
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

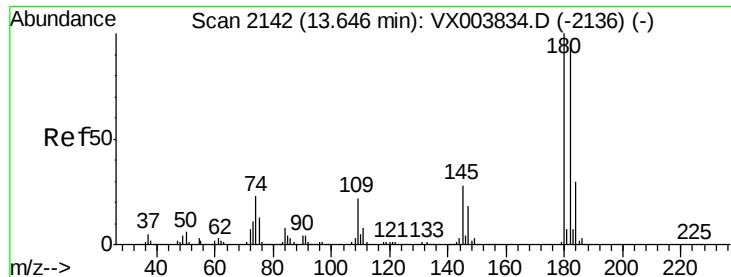
Tgt Ion: 146 Resp: 145578
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.1 57.5
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.660 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion: 75 Resp: 22338
 Ion Ratio Lower Upper
 75 100
 155 98.9 49.5 148.3
 157 129.0 64.5 193.5

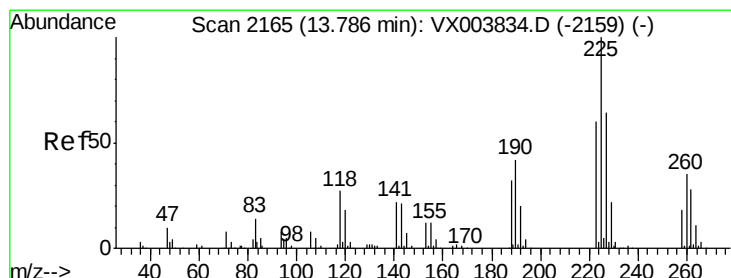
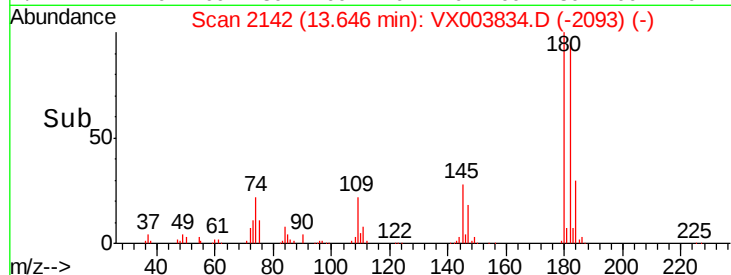
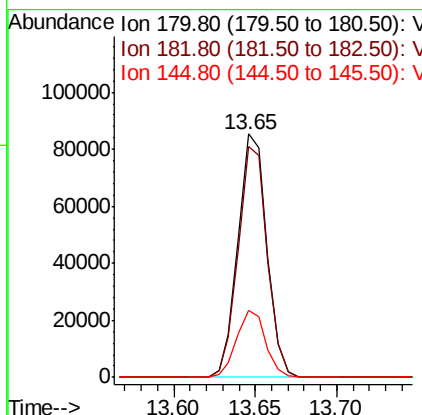
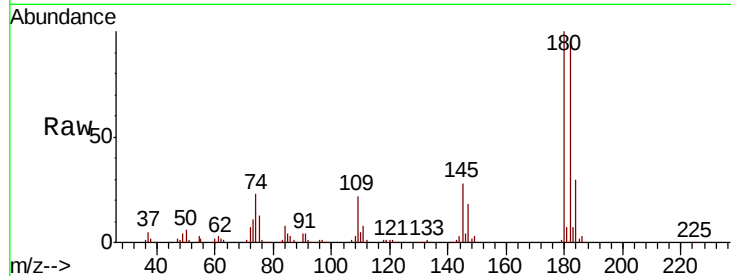




#93
 1,2,4-Trichlorobenzene
 Concen: 49.927 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

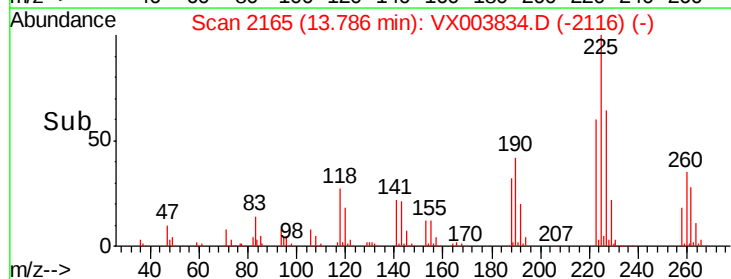
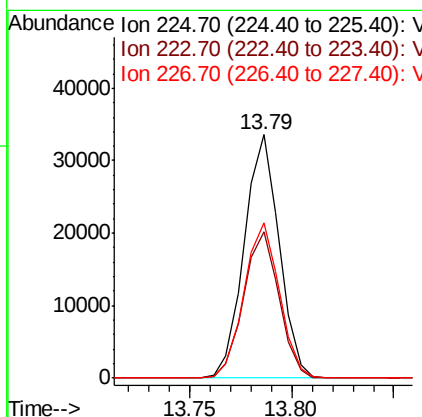
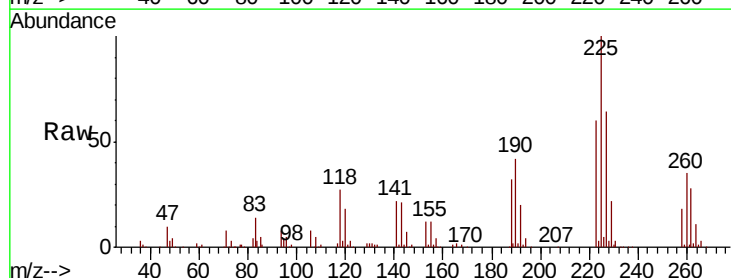
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

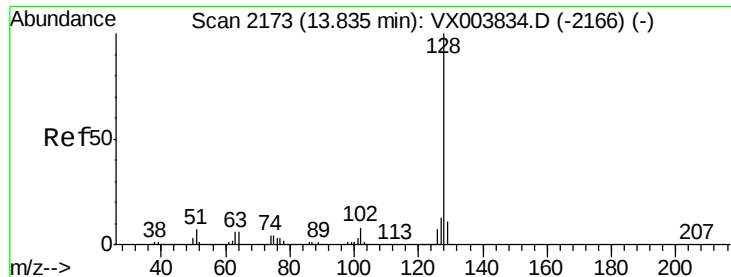
Tgt Ion:180 Resp: 105597
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 27.5 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 41.974 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003834.D
 Acq: 02 Aug 2018 20:15

Tgt Ion:225 Resp: 40063
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.4 91.3
 227 64.4 32.2 96.6





#95

Naphthalene

Concen: 52.930 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

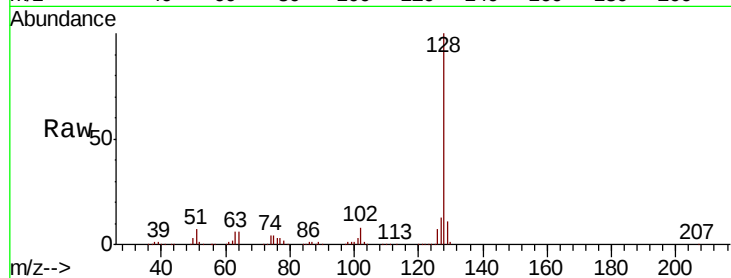
Tgt Ion:128 Resp: 338497

Ion Ratio Lower Upper

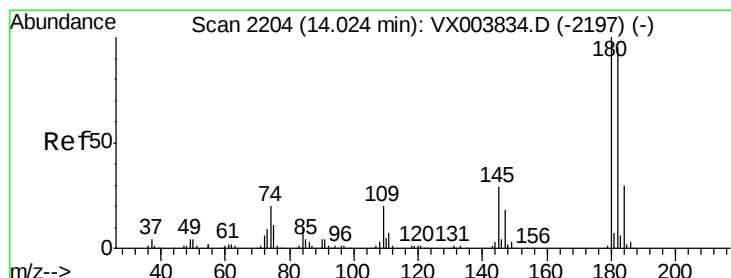
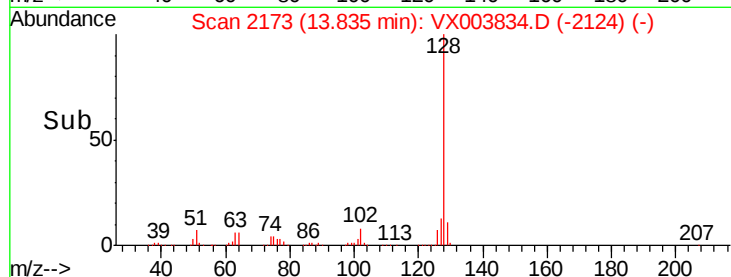
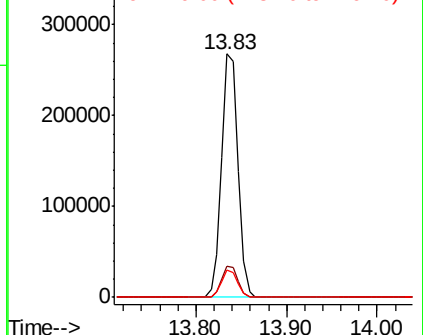
128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.327 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003834.D

Acq: 02 Aug 2018 20:15

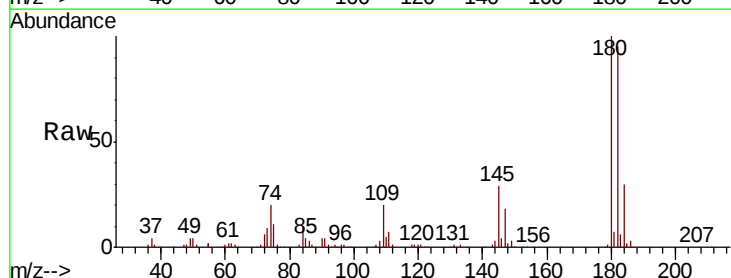
Tgt Ion:180 Resp: 110465

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 29.3 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

